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Connecticut INDUSTRY

MANUFACTURERS' ASSOCIATION OF CONNECTICUT, INC.
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L. M. BINGHAM, Editor

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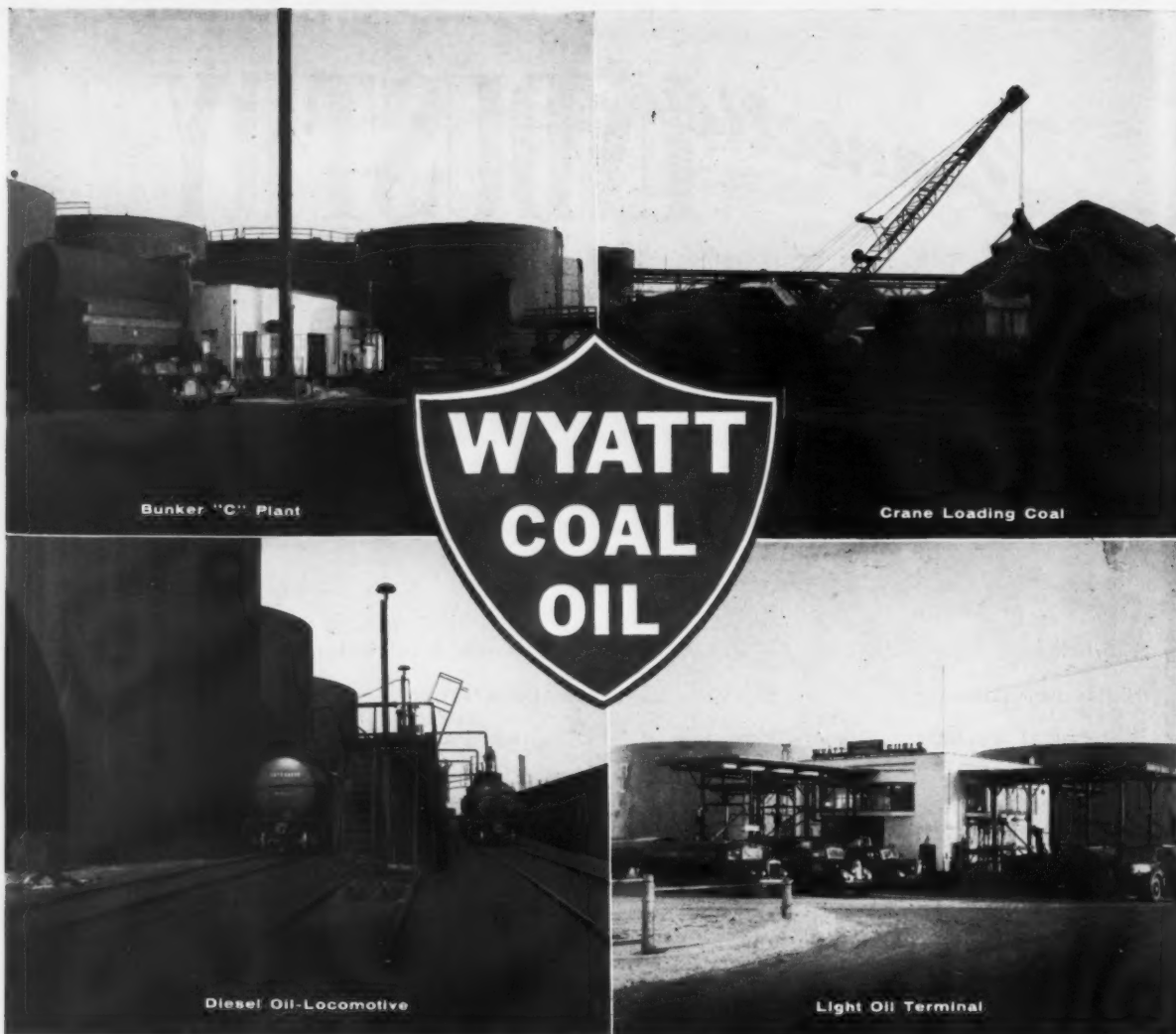
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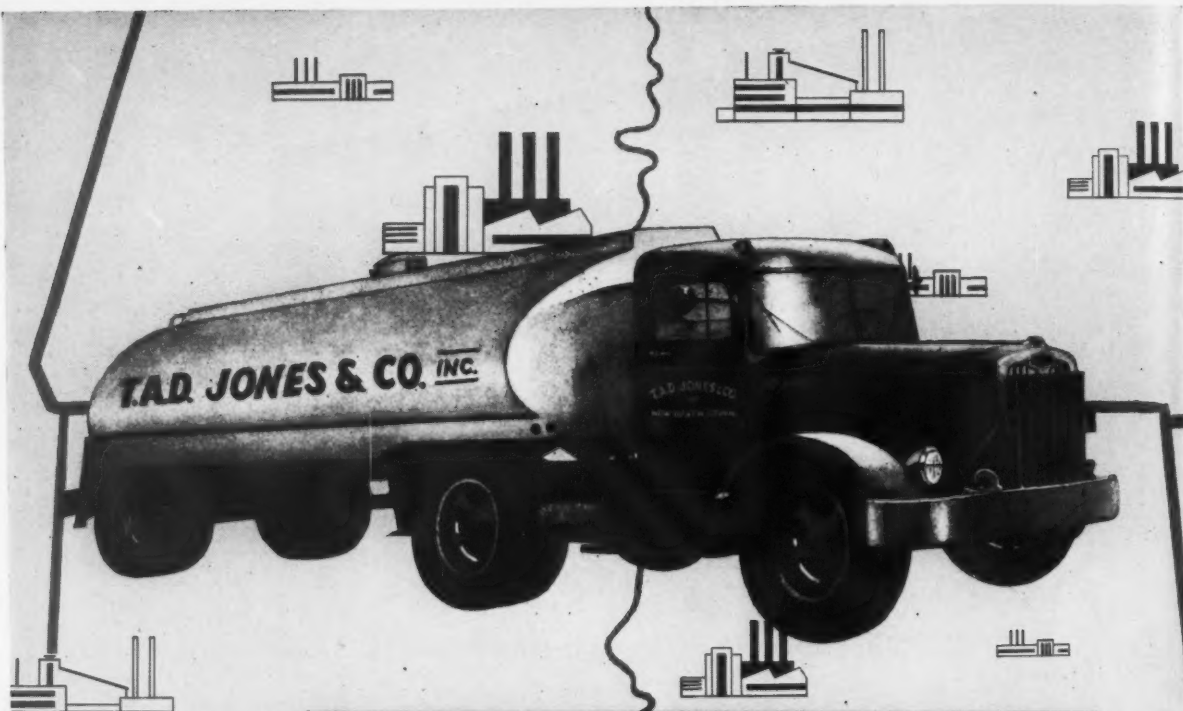
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Contest For Freedom

By N. W. FORD, *Executive Vice President*
Manufacturers Association of Connecticut, Inc.

EVER cheer at a ball game?

We Americans love a contest, especially in the field of sports; but where do we stand on the deadly serious "contest for freedom", sometimes known as the presidential sweepstakes? Are we spectators or effective participants?

Ever since Ben Franklin, Thomas Jefferson, and many forgotten men in history books risked their necks by signing the Declaration of Independence, our freedom—personal, political, and economic—has been under attack. Today this attack comes from supporters of the two isms—socialism and communism. The attackers labor under various disguises. Sometimes they deny their motives even to themselves. But at election time these enemies of freedom swarm to the contest. They participate directly and energetically in each election.

Let's look at the record.

In 1952 about 93 per cent of Connecticut's registered voters voted in the Presidential election.

In 1954 only about 81 per cent voted in the Connecticut Congressional elections.

The glamour of a new Presidential contest may again inspire Connecticut voters to go to the polls on November 6, but there is grave danger that the very peace and prosperity that the Eisenhower Administration has nurtured will lull believers in free enterprise into a false sense of security. The golf links may be more enticing than the ballot box.

The 100 or more Congressional investigations launched since the 1952 election, mostly aimed at business practices, are a demonstration of the cost of political apathy on the part of businessmen. But even more, consider the many proposed laws to hamper business growth, the sharpshooting at businessmen serving in the Eisenhower Administration, and the sustained attack on private power companies.

Just for contrast, look at the unions. According to labor columnist Victor Reisel, they are concentrating on a scientifically prepared grass-roots campaign which takes in even the smallest voting districts. The objective is a working control of Congress by the newly formed AFL-CIO Committee on Political Education.

Union tactics are laid down for its precinct and ward workers in a 255-page book called "How to Win." Copying a formula Tammany Hall used successfully, the book suggests that the influence of precinct workers might be enhanced by the following methods: Holding social gatherings and Christmas parties for the neighbors and more parties for children; by distributing baskets of food or giving other help to the needy; by organizing recreational activity; by welcoming and informing newcomers about where to secure needed services; and by visiting or mailing greeting cards to the sick, and so on.

Since World War II Communist Russia has been responsible for the loss of freedom by some 7,000 people every hour of every day. Free territory has been disappearing behind the "iron curtain" at the rate of 44 square miles per hour.

We do not suggest that America will go Communist if either the donkey or the elephant wins the next contest at the polls, but the stakes are high. The winning candidates and political parties are, of course, immediate gainers. For business and industry the stakes are even higher when you consider that the entire American system of free enterprise will be threatened by a turn to the left.

Let us as industrial management give the time, the work, the money, and the leadership that is needed to protect our own stake and that of every other freedom-loving person in Connecticut and the United States.

Now is the time to safeguard our future—not after inimical legislation is introduced in our state General Assembly or in Congress.



FIRST STEP in producing an engraved cylinder is preparing customer-furnished designs for photographing. Intricate designs, the majority of them in four colors, require rendering by skilled artists experienced in this specialized medium. (Right) Latest equipment and trained technicians team to obtain the fine-detail photo-negatives necessary to insure quality end results.



You'll Probably Never See A Sign
That Reads:

SKILLS FOR SALE

YET essentially that's what Chambers-Storck Co., Inc. of Norwich sells. This company, which photoengraves cylinders used in printing plastic shower curtains, draperies, upholstery materials, wall coverings, floor coverings, packaging materials of foil and specialty papers, and many other items sells no products. Even the rolls the company engraves belong to their customers.

No, the company sells no products as such. Chambers-Storck Co. sells a *service*. That service is based on skills: The ability to etch into copper the beauty of design, the intricacy of detail present in the artists' original renderings.

Behind the many skills connected with this process lie the years of experience and the extensive facilities that permit the translation of abstract

abilities into tangible realities.

The present method of photoengraving cylinders at Chambers-Storck, where the very latest equipment is everywhere, is a far cry from original methods of engraving. Ever since the turn of the century engravers had been trying to improve on the old hand engraving and hand stippling methods.

Those methods, which required months to create a pattern, produced final results which were no better than the engraver's ability and were merely his interpretation of the artist's design. Some foreign processes were tried but proved commercially unsuccessful because results were not sufficiently good to justify the expense involved.

The first successful photo engravings in this country were produced about 1914. They enjoyed no great degree of acceptance, however, and the pro-



CAREFUL TOUCH-UP of negatives at this stage assures sharp definition of design and color in products printed on the finished cylinder.

cess was practically dormant until about 1928 or 1929.

It was at that time that Matthew S. Chambers, now president of Chambers-Storck Co., accepted a position with a firm in Peekskill, New York. There he successfully produced multi-color engravings in quantity—his efforts in this regard being generally regarded as among the first major advancements in the photoengraving industry.

The first photoengraved cylinders produced were used in printing table oilcloths and coated wall coverings. With variations in the type of material printed, applications of this sort, in-



BIG OR SMALL, Chambers-Storck handles them all. In fact, the company is one of few in the country equipped to engrave rolls of this size. With artisan's pride in good equipment, men steeped in machine-shop "know-how" perform the close tolerance operations absolutely vital as first steps in producing quality engravings.

terestingly enough, are still a major use of cylinders the company engraves.

Chambers-Storck Co. was established in Norwich in 1933 with Matthew S. Chambers as president, John Storck treasurer and Leon R. Chambers, secretary.

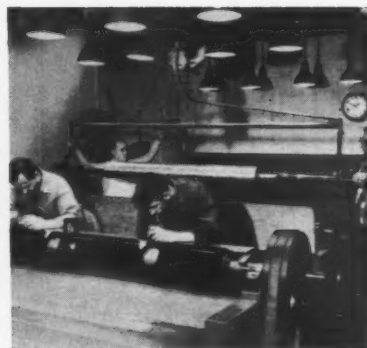
The first years of the company's existence were a struggle for survival. For one thing, general economic conditions were severe. Moreover, the young company faced the task of educating industry to the practicality of using photoengraved rolls. For years, rolls had been engraved by laborious, expensive, time-consuming hand operations. Convincing users that the "newfangled" photoengraving method could achieve better results in a fraction of the time was a sizeable assignment.

As the country emerged from the depression, however, leaders in the fancy paper, plastics and packaging fields became more receptive to new ideas and the company's process gained increasing acceptance. Chambers-Storck began to grow and prosper.

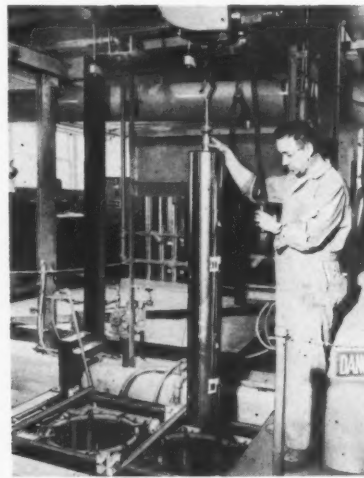


HAND TOOLING combines the skill and experience that is true craftsmanship. Now limited to final touch-up, this was once the basic manner in which the complete engraving process was handled.

During this time, as it has since, expansion of the business posed many problems—some of them peculiar to



FROM ARTIST'S SKETCH to engraved cylinder, painstaking care is taken to assure complete fidelity of detail. Here, protective coating is applied which will prevent unwanted etching of certain portions of cylinder.



HERE ENGRAVED ROLLS are chrome plated for long-run durability. Chambers-Storck plating facilities, new equipment and entire area shown here, are generally acknowledged as being second to none.

a new industry. Men with experience in the various engravings arts, for ex-

(Continued on page 51)

ROLLS ENGRAVED by Chambers-Storck range from fountain pen size to behemoths like the one in the foreground (used in printing plastic floor coverings). The company is one of few which can handle such a wide range of sizes.



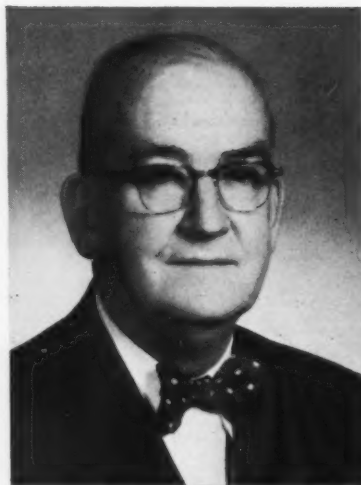
Vocational Technical Schools Key To Industry's Future

By EMMETT O'BRIEN, *Director*
Division of Vocational Services
State Department of Education

TO MAINTAIN its competitive position in the nation's industrial economy, Connecticut must continue to develop and maintain its skilled manpower. It must do so in growing numbers and in increasingly higher degrees of skill. The fact that Connecticut has a higher percentage of skilled workers to total workers in industry than any state in the nation is reflected in the standard of living of its people, in the strength of its industrial economy, and in the political climate in which industry flourishes.

Connecticut has a long and glorious history of industrial "know how" through many generations of skilled artisans, skilled managers, and inventive genius. It is known as the "land of steady habits". Connecticut industry today maintains a successful competitive position only by its ability to pro-

duce high quality goods in quantity and at competitive prices.



EMMETT O'BRIEN

duce high quality goods in quantity and at competitive prices.

Technological changes, development of new materials, new processes, automatic manufacture, increased emphasis on design and styling are all accentuating the need for people trained to higher levels of skill. The technical character of manufacturing today requires that the Connecticut skilled artisan and technician have more than "Yankee ingenuity". It requires that he know more about science and mathematics and that he has a foundation of understanding and the intellectual ability to adapt to rapid change and to use intelligently the new developments in modern industry.

Connecticut industry relies on four main sources for its skilled mechanics:

1. Apprenticeship in industry.
2. Graduates of Connecticut's Vocational-Technical Schools.
3. Upgrading of workers employed in industry by development of higher skills on the job and by supplementary training of these workers.
4. By immigration of skilled workers.

The last source is practically negligible today by comparison with the many fine artisans who came to this country in former years.

It is clearly apparent that the maintenance and development of our skilled force of artisans and technicians is of basic importance to our Connecticut economy and that this must be a co-operative job in which management, labor, our schools, governmental agencies and the general public are involved.

The purpose of this article is to show some of the efforts being made, plans being developed, and the work carried on by the Trade and Industrial Education Division of the State Department of Education in supplying skilled manpower to Connecticut Industry.

Modernization of Vocational-Technical Schools

In 1948 the State Board of Education, after careful study and with the advice of a State Consulting Committee for Vocational Education, adopted a ten year building program for the modernization of the facilities of the Connecticut Vocational-Technical Schools. From the 1949 to 1955 sessions of the General Assembly bond authorizations were made for eleven of these schools. As a result of the program made possible by these bond authorizations new schools are in operation as follows: Bullard-Havens Technical School, Bridgeport; Henry Abbott Technical School, Danbury; Oliver Wolcott Technical School, Torrington; Warren Kaynor Technical School, Waterbury; Norwich Regional Technical School, Norwich; Windham Regional Technical School, Willimantic.

The Eli Whitney Technical School in Hamden will take over the functions of the Boardman Trade School in New Haven and begin operations in September, 1956.

Authorized in 1955 and in the planning stage are: Hartford Regional Technical School (including the State



Technical Institute), Hartford; J. M. Wright Technical School, Stamford; Vinal Regional Technical School, Middletown; New Northeastern Technical School (to be located in Danielson and to be named the H. H. Ellis Regional Technical School).

In the 1957 session of the General Assembly funds will be requested for new schools in Meriden, New Britain, and Manchester.

If these funds are authorized, the ten year building program providing for 14 modern vocational technical schools to serve each region of the state will be completed. These facilities will provide for more than doubling the capacities of these schools for the day trade preparatory program. Just as important they will provide for better and more adequate facilities for related and technical instruction to apprentices from industry, and for evening supplementary (or upgrading) training for persons employed in industry.

Technical Institute Development

In 1955 the State Board of Education directed its staff to study the need for the training of technicians for Connecticut Industry. This study was made in cooperation with manufacturers' associations and with the industries of the state. On the basis of this study and a report made to the State Board of Education in February, 1956, the State Board is recommending to the 1957 session of the General Assembly new Technical Institutes for the Norwalk area, the Waterbury area, and the Norwich-New London area. If this program is approved by the 1957 session of the General Assembly technical institutes will be provided in the Bridgeport and in the New Haven areas with possibly one or two additional institutes in other parts of the state, and a further expansion of the Hartford Technical Institute.

These institutes will provide training for jobs on a higher technical level than the skilled trades but less than that of the graduate engineer. They are two year programs on a post-secondary level. The curriculum emphasizes technical knowledge rather than manipulative skill.

It is expected that in the proposed development of the technical institute program two year intensive training courses, vocational in purpose, will be offered in the areas of Mechanical Technology, Electrical Technology, Tool Technology, Metallurgy, Civil Technology, and Industrial Electronics.



MECHANICAL DRAFTING is offered in all fourteen regional technical schools.



PRECISION work which develops accuracy is stressed.

The possibility of a need for development in the field of Nuclear Technology has also been indicated.

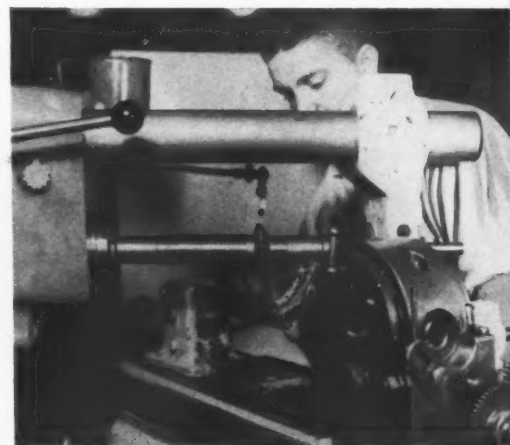
The present State Technical Institute in Hartford whose graduates have shown outstanding accomplishment on their jobs in industry was accredited in 1955 by the Engineering Council for Professional Development (the Council is composed of the major engineering societies such as the American Society for Mechanical Engineers and the American Institute of Electrical Engineers).

Meetings of Vocational Administrators in Industries of the State

During the school year 1955-1956 the monthly meetings of the Directors and Assistant Directors of the State Technical Schools, and the Admini-

strative Staff of the Division of Vocational Education have been held in industries of the state. Some of the plants in which these meetings have been held are: The American Cyanamid Company, Stamford; New Departure, Division of General Motors Corporation, Meriden; Scovill Manufacturing Company, Waterbury; United Aircraft Corporation, East Hartford; Pratt and Whitney Company, Inc., West Hartford.

These meetings have provided excellent opportunities for exchange of ideas between top management and vocational school administrators, opportunities to observe the latest developments in industrial techniques, and above all have impressed the vocational school people with the need for



A PROGRESSIVE die set designed by students.



MODERN machine tools and instruments are provided.

constantly improving the training of our youth for the skilled jobs in industry and for increasing the number of skilled tradesmen.

It is planned to continue this cooperative type of meeting in both small and large industries of the state.

Special Emphasis on Science and Mathematics

During the past year a full time specialist has been added to the headquarters staff of the Division of Vocational Education whose full time job will be to work with instructors in Science and Mathematics, and cooperatively with selected representatives

from various industries in order to coordinate the work of the vocational schools with the needs of industry in these areas. This activity is already bearing fruit and it is expected that continuation of this work will bring beneficial results.

Technician Level Training for Apprentices in Industry

An interesting development is under way in several sections of the state. Its objective is to establish more challenging type of related and technical instruction for selected groups of apprentices from industry. Experiments which have been carried out indicate that some apprentices who have had good science and mathematics background or who are graduates of the technical schools are capable of undertaking such work on an advanced level.

Evening Program for Industrial Employees

In consultation with engineering and personnel people in a number of industries in the state a need has been indicated for training programs for which the facilities of the new vocational-technical schools are particularly adapted. These programs have a basic purpose of assisting in the upgrading of personnel for employment in more technical type jobs. It is expected that several of this type of class will be initiated in the fall of 1956 in at least three schools.

Quality Control

For many years the Supervisory Training Staff of the Division of Vocational Education has worked with industry in the training of supervisory personnel.



MACHINE shop students learn on real jobs.

Recently, due to expressed needs in industry, a staff member has been added to work in the field of Quality Control. It is believed that a valuable service to industry will be provided in developing better methods of statistical quality control, better inspection methods, and reduction of waste.

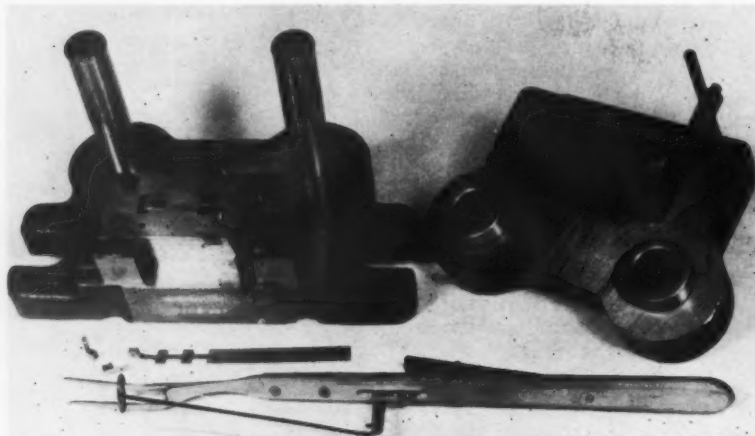
Consulting Committees

The staff of the Division of Vocational Services in the State Department of Education works with Citizens' Consulting Committees in the various fields and services and in all areas of the State. These committees are composed of representative people from industrial management, labor, business, farmers, school officials, other governmental officials, and representatives of other organizations.

The State Committee on Vocational Education is composed of the following members:

- Mr. J. F. Ackerman, Vice-President, American Brass Company;
- Mr. Maurice H. Berins, Personnel Director, G. Fox and Company;
- Mr. Merlin Bishop, Congress of Industrial Organizations;
- Mr. A. V. Bodine, President, Bodine Corporation;
- Mr. Dean Brossman, Secretary, Stamford-Greenwich Manufacturers Council;
- Mr. Stanley R. Cullen, Assistant Works Manager, Sargent and Company;
- Mr. Arthur DuBois, Director of Personnel, Scovil Manufacturing Company;
- Dr. G. Roy Fugal, Director of Training, General Electric Company;
- Mr. Kenneth E. Geyer, Secretary, Connecticut Council of Farm Organizations;
- Mr. Carl Gray, Industrialist, Farmington;
- Mr. Stanley Griesing, American Federation of Labor;
- Mr. Paul Hayden, Vice-President, Connecticut Light and Power Company;
- Dr. Clyde Hill, Sterling Professor of

(Continued on page 35)



A TYPICAL die set produced by student in the Tool and Die Course.

Chore or Challenge?

Writing Effective Company Histories

By J. HOWARD DONAHUE
Secretary & General Sales Manager
Pioneer Steel Ball Co., Unionville, Conn.

SOONER or later someone will decide that the time has come to produce a company history. Maybe your first intimation of decision will be when the job is dropped into the lap of the advertising department as a rush assignment. In that case, it's impossible to eliminate the element of surprise. But you don't have to be unprepared.

One advertising executive who prefers to remain unnamed points out the need for adopting a realistic viewpoint before giving even preliminary thought to such a project. "Forget any ideas you have about a publicity release," he advises, "and think in terms of the usefulness of the piece."

That's sound counsel. Imagining the various ways in which the history may be used tends to stimulate enthusiasm. For new employees the history will provide a concise summary of the company's accomplishments and objectives. And what better way is there to acquaint prospective salesmen with the background of the company? A well written piece can even bolster up an application for a bank loan.

Get it published . . . But let's get the company history printed before we start using it. While problems of layout and format are always intriguing, it is advisable first to investigate the possibility of having the story published by some magazine. Among the worth while advantages are: extra coverage, reduced production costs when reprints are ordered for mailing pieces or enclosures, and the greater prestige value which attaches to magazine article reprints as compared to the usual promotional pieces of a company.

A 2,000-word or even longer article can be inexpensively reproduced on an inside spread and back page by folding a 17x11" sheet. That leaves



a cover page which can be attractively designed to arouse curiosity or otherwise direct attention to the article inside.

Among editors of regional magazines who strongly believe in publishing accomplishments of industry is L. M. Bingham, secretary of the Manufacturers' Association of Connecticut and editor of the association's publication, "Connecticut Industry." He likes pieces that "acquaint readers with the wide diversification of products made in the state, their economic and social significance, and the contributions of their producers." So it is not surprising that each month his magazine carries an article about an outstanding company in the state.

"Industry has waited too long," Mr. Bingham says, "before attempting to speak to the heart of the people. The message can't be communicated by statistics; it must be translated into terms of human interest—terms the people can understand."

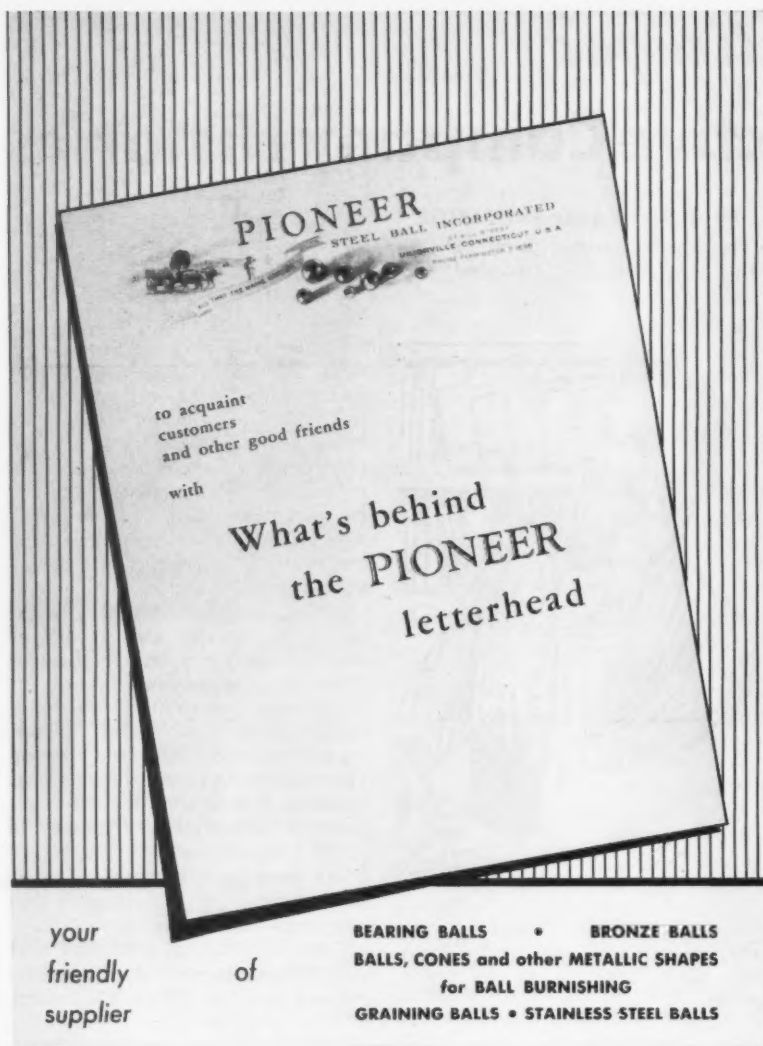
Work sheet for historians . . . To assist Connecticut writers who feel that their companies have interesting stories to tell, Mr. Bingham has prepared a work sheet to guide them in their search for material (see box). This is a research

Ten things company historian needs to know

- Reasons for starting company.
- Founders of the company.
- Date founded.
- Facts about early product.
- Later product development.
- Consecutive steps or those of unusual interest in production of the product.
- Interesting sidelights in careers of top executives and sidelights in product development. (Example: Experiments on one type of product leading to start of entirely different product line.)
- Present distribution methods.
- Interesting points in production process, including photographs.
- Uses for product, including unusual applications.



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HISTORY SELLS. Cover of Pioneer's reprinted history pushes company products to prospects and customers.

outline rather than a writing outline, and its value lies in focusing attention on points that might be overlooked in digging for background information.

"Apply the well known questions 'Who?' 'What?' 'When?' 'Why?' 'Where?' 'How?' against these headings," suggests Mr. Bingham, "and a surprising amount of usable material will be almost automatically developed.

"In addition to the points listed a writer should give serious thought to bringing out the economic effect of industry on the social structure. Don't overlook taxes. Let the people know how much the business pays to the community in taxes. Tell them the percentage of the total payrolls that

the company contributes in its immediate area."

This need for human interest is further emphasized by Whitman Daniels, director of public relations, Associated Industries of New York State, whose magazine, "The Monitor," he edits. "Keep the writing style non-technical," he advises, pointing out that "the best manner of development for each story is indicated by the special characteristics of the particular company."

In applying this thought to the job of writing, those characteristics can be limited to personality and conflict. Unless the personality of the company can be reflected by the written word, the history will be dull and lifeless. And

stodgy stories don't win readership. Until conflict or drama is injected, the piece will lack human interest.

Problems pay off . . . Actually, conflict is just another way of saying "problems." And what company isn't faced with them? Seek for the elements of conflict in competition, in disasters, in outmoded products, in growth. Having found these incidents, dramatize the struggle by showing the event happening with characters and dialog.

David Archie of "The Iowan" confirms this suggestion when he points out, "There is a great deal of interest in bringing to light specific problems that a company has faced—particularly marketing problems. I suspect we are too often inclined to overlook the tremendous public interest in marketing."

Frank Prendergast, managing editor of "Industry," official publication of the Associated Industries of Massachusetts, sounds a warning against company histories that are dull and of little interest to any other readers than the people in the company.

"Current activities will bring in the element of timeliness," he says. "We like to have our writers emphasize some special phase of operations that might deal with new policy, new products, development work in which they are currently engaged."

With these suggestions from professional editors whose job it is to know the type of piece that will appeal to their readers, we are ready to buckle down to our own writing task.

Start it right . . . Sometimes it seems that the beginning or lead is half the battle. If we can produce an opening paragraph that grips attention, that serves as a springboard that encourages us to maintain that same degree of interest throughout.

What constitutes a good lead? Let's look for the answer by seeking leads that appeal to us. Here are a few picked at random—some good, some not so good. The leads themselves are not being quoted, because it is the idea behind them rather than the phrasing that is important at this point.

A manufacturer of industrial components arouses interest by picturing in use a consumer product in which his product is assembled. Although the consumer product is a well known item, the component is one to which the reader would seldom give a thought. Another manufacturer hits a human interest note with an opening reference to the "poor boy" venture of the founder. But a caster manufacturer

(Continued on page 58)

Cramer Controls Corporation Holds Open House

ON RECENT consecutive weekends, the Cramer Controls Corporation held Open House celebrations at its Centerbrook and Ballouville plants. The company invited employee families, friends and the general public to inspect each plant. Special groups of organization representatives were escorted on planned tours by Mr. P. F. Brophy, president, and other company officers.

All visitors were guided along the tour route by company personnel who outlined general plant operation and introduced department supervisors who detailed the specific function of each area. In addition to all phases of office and factory operation, guests were shown displays of company products and their applications. The new mobile, product display coach, which began a nation-wide tour shortly after the Open House events, was also on exhibition. Response to the Cramer Open House invitation was excellent with approximately 1000 guests attending each event in Centerbrook and Ballouville.

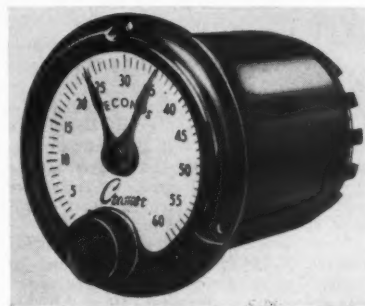
Cramer Controls Corporation, until recently The R. W. Cramer Co., was organized in 1922 as a sales agency in New York City for a Swiss time switch concern. The Company entered the manufacturing field in 1939 and relocated its main facilities in Centerbrook. There Cramer began producing interval timers, time delay relays, cycle timers, time totalizers, and the many

special timers which have contributed so much to the firm's reputation as specialists in the time control field. In

1946 the company initiated production of the Cramer permanent magnet synchronous motor which features high



CRAMER CONTROLS CORPORATION'S automatic screw machine department in the Ballouville plant turns out precision motor parts at high volume.



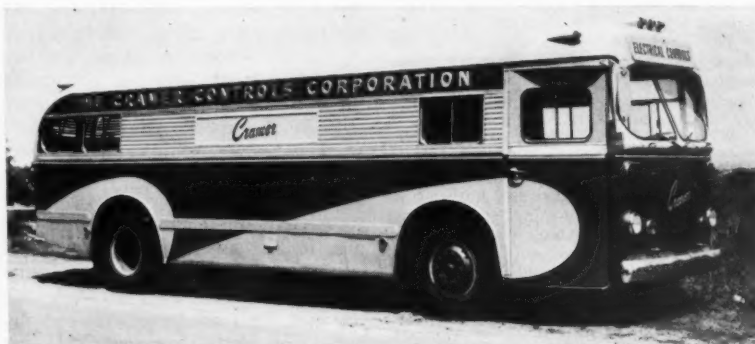
ONE OF Cramer Controls Corporation's latest developments is the new, highly versatile Type 412, Time Delay Relay.

torque and quick start and stop performance.

To meet the growing demand for Cramer motors, the firm established its Ballouville plant in 1953. Working with the Connecticut Development Commission, Cramer located and acquired this 65,000 square foot facility and moved its entire Motor Production Department to the new site. The Ballouville plant now contains a modern, highly efficient manufacturing facility devoted exclusively to the production of precision motors at a high volume rate.

There is a continuing process of research and development in the field of timing engineering at the Cramer Controls Corporation. New devices and designs are brought forth at a steady rate. Typical of new developments is the Type 412, Time Delay Relay, recently announced by Cramer. This device boasts a high load rating, 15 amp. at 115 v., a repeat accuracy of within $\frac{1}{4}$ of 1% full scale, and long life among its many outstanding features. Another new product is the Type 241 which represents a substantial advance in interval timer performance. High accuracy, a large selection of time ranges, and complete adjustability are but a few of the quality characteristics

(Continued on page 36)



THE CRAMER display coach which recently completed a Connecticut tour arranged by Cramer representative A. W. Atkins, Jr. of Old Saybrook.

I'm Fed Up With Union Bossism

By GEORGE BRONNER

as told to Charles Hull Wolfe

For the first time in a national journal,* a rank and file member of UAW-CIO sounds off against the tyranny and socialism of a monopolistic union.

TO MOST Americans, organized labor may sound like one huge chorus singing in unison. But as an insider, a union card-holder for 31 years, I say: No, it's not a chorus—it's more apt to be a solo of a single union boss.

Consulting only with the other union big shots, and often turning a deaf ear to ordinary members, the head man decides on "labor's viewpoint," then tells it to the world. Standing silently behind him are the union rank and file. Many resent what the labor boss says and does. But their protest is seldom heard. They are men without voices, hidden behind a kind of Iron Curtain—a fear of ostracism, of firing, or even of bodily harm, if they speak out what they really think.

I know what's happened to me when I've stood up in union meetings to object to dictatorial methods. Henchmen in cahoots with the leaders booed me down with shouts of "Shud up! Ya don't know whatcha talkin' about!"

And after I've sounded off in public against what I considered to be UAW-CIO mistakes, I know the dirty looks and words some of my fellow unionists have hurled at me.

I also know what happened to a friend of mine, a fellow I grew up with and went to school with. Like myself, he joined UAW-CIO, and after World War II got fed up with paying heavy dues but having no voice as to how they were spent.

When the union wouldn't listen, he wrote his local Grand Rapids paper objecting to UAW-CIO's undemocratic procedures:

We just fought a war against dictatorship. But why did we spend all our efforts abroad when we've got so much dictatorship at home—right in our own labor unions?

UAW-CIO suspended him from membership. The reason? He was "anti-union," they said.

*Reprinted from the April 1956 edition of *The Freedom Magazine* with permission of its publisher, *The Foundation for Economic Education*.



GEORGE BRONNER

About George Bronner

As you first meet George Bronner, you may be aware only of a big burly man with a wrestler's grip and a slightly rasping voice. But as he talks—his conversation a rare mixture of colloquialisms and more erudite phrases—you catch the depth of his mind and the warmth of his nature.

Now forty-eight, and a rank and file member of UAW-CIO and the Society of Skilled Trades, Bronner has been a union man since he was seventeen. He is a highly skilled tool and die worker, employed by General Motors at a Fisher Body plant in Grand Rapids, Michigan. This spring, Bronner attracted national attention after being placed on "trial" by UAW-CIO, charged with disloyalty.

Though his formal education was cut short long before college, Bronner never stops learning. He's an avid reader—books, magazines, newspapers—and has an instinct for thinking things out for himself.

When in his thirties, Bronner married an attractive young widow, part Irish, part German, and part Choctaw Indian. If Ocie Bronner is reminded that her husband is saying some pretty bold things about unionism, and is asked, "Aren't you afraid for his safety?" she's apt to reply, "George has thought it out very carefully. I tell him: As long as you're sure you're right, go ahead and do it. I'll stand by you."

And George Bronner is apt to keep on saying and doing what he thinks is right. As George says, "I can't help it."

The Union Eliminates Opposition

It's not just a few lone rebels who get gagged, but whole groups of union members—if they go against the big shots. Not long ago in the plant where I work (Fisher Body, Grand Rapids Stamping Division, Plant No. 1), we elected three representatives to a meeting of General Motors Sub-Council, UAW-CIO, that was being held in Flint.

One of the union bosses found that our delegation was instructed to vote against the so-called Guaranteed Annual Wage—which, of course, the top CIO brass was backing to the hilt. Suddenly the Credentials Committee decided our papers were "not in order," and we were refused our seats on the Council. We weren't even allowed in. The strategy was obvious: Rather than buck opposition, why not eliminate it?

It's not just that union methods are autocratic. Their whole approach is socialistic. In UAW-CIO there's hardly any interest in a man's individual training or ability. Instead, they seem determined to turn us into "faceless men," lumped together like sheep in a flock. Time and again I've found that union bosses actually go along with the collectivist slogan: "From each according to his ability, to each according to his need."

I first woke up to this when I was helping build Sikorsky helicopters at a plant in Grand Rapids. It was during the final stages of World War II, and we were rushing to complete a new craft important to us and our allies.

We hit a snag. A set of dies was urgently needed. They had been made months before in Milwaukee but were still in the try-out stage—the Milwaukee people couldn't make them work. So they finally shipped them to us in Grand Rapids. At first we were completely stumped, as baffled as the men in Milwaukee. But four tool and die workers wouldn't give up. Nine days on end these men wrestled with the dies. They tried every trick in the book, and some that weren't in the book. Finally, success. They found a

way to make the dies work.

We were proud of those four men, and a group of us proposed that they be rewarded with a ten-cent-an-hour raise. The plant manager pointed out it had to be cleared through the union and the NLRB. After three months, we were called into a meeting with the local union's bargaining committee.

The plant manager okayed the ten-cent increase—not just for the four, but for everyone in the tool and die room, since all helped, at least a little, in making the dies work. But the UAW-CIO boss who attended the session wouldn't approve the raise. "No," he said, "there can't be an increase—not unless it's a blanket raise *throughout* the shop, a raise for everyone in the entire plant! Either everybody, or nobody."

So who got the increase? Nobody.

I was steamed up. Because I believe it's individuals who count, and when a man does a swell job, he deserves a reward.

Everyone Loses Incentive

If you fail to reward a fellow for his personal achievement, but give only mass raises, what happens? Everybody loses incentive. The real worker says: "Why try so hard? Nobody cares!" The guy who goofs off figures: "Why knock myself out? I'll get a raise anyway." Thus, productivity suffers—for the individual, and in turn, for the whole economy.

Sometimes the conscientious worker, instead of throwing up his hands in disgust, takes a simple alternative—he quits and goes somewhere else. That's always a man's privileged in a free country. That's what about twenty of us did after the big wheel from union headquarters told us "either everybody or nobody" would get the raise. We left and found work elsewhere.

That is, we *thought* we found jobs elsewhere. It's true, each of us did land in some other plant. We were spread far and wide, working for different companies. But actually, most of us discovered we were still working for the same old boss—the union.

We tried to do what free men have a right to do—leave a job you don't like and look for a better one. But no matter where we auto workers went, our real boss—the one who had most to say about our wages and working conditions—remained the same. It remained UAW-CIO.

They talk about General Motors or Ford being monopolies. Maybe they are

too big. But they're pikers in the monopoly business compared to UAW-CIO. That's the real automobile monopoly. The auto worker still has freedom when it comes to choosing companies. He can take his choice of working for G.M., Ford, Chrysler, Studebaker-Packard, American Motors, and some smaller firms. But what freedom has he when it comes to choosing his union? Almost none. For one thing, he's forced to join the union, or he doesn't work. And chances are he has no choice of union but has to sign up with UAW-CIO.

And in every company, UAW-CIO operates by just about the same dictatorial methods. They don't give a hoot about personal job achievement, but lump all workers together and constantly ignore the difference between the skilled and unskilled.

How The Union Levels Wages

Maybe I have a private ax to grind about that last point—the union's insistence on flat across-the-board raises which level off incomes and bring the wages of the unskilled almost up to those of the skilled. It happens I'm a journeyman. I've spent almost 26 years learning my trade—tool and die work—mostly by on-the-job training. It hardly seems fair that a fellow who's never tried to learn anything, and who hasn't any special training, should earn almost as much as I do.

This is no mere personal gripe—it's not just a private beef. The "leveling" policy is a socialistic idea, part of the plan to regulate and "protect" all the workers, under the control of a few all-powerful persons. But as un-American as this idea is, it's gaining ground.

During the war, the automobile production man (the unskilled fellow) drew approximately 80¢ an hour, compared to about \$1.25 an hour for the skilled worker. This meant about 50% more for the trained journeyman. I think this is fair. After all, it took him years to learn his trade.

Now, though—with this leveling process constantly at work—that percentage has been cut down to approximately 30%. Today, under base scales set by UAW-CIO, the unskilled worker is drawing about \$2.00 an hour, while the skilled man is earning only about \$2.65.

Sometimes the gap is narrower. We have a case in Grand Rapids where the production worker gets more on an hourly rate than a skilled man. And the fellow who wants to become a trained worker finds that, under the

apprentice program, his wage is far lower than the production man's.

If supply and demand were allowed to set the differences between skilled and unskilled, these rates would adjust themselves. But what is happening now, under the union's wage leveling?

Shortage of Skilled Men

We're faced with a serious shortage of skilled workers. Companies urge production men to enter the apprentice program. But they can coax all they like. If the money isn't there, why should a man exert himself? Especially when he knows the pot of gold at the end of the training years is hardly any larger than the pot of dollars handed *right now* to the man who doesn't even try to learn.

All around me I see how this union-sponsored leveling kills initiative. Some men who were working with me 20 years ago are still in production today. I could give many examples.

A smart fellow who had been a farmer but was unskilled in factory work, took a routine job in a plant running the Do-All saw, a band saw that cuts metal. The company gave him the chance to enter the training program, a five-year deal. "Why should I become an apprentice and reduce my rate?" he asked. "Even after I'm made a journeyman, I'd still earn only a few cents more per hour. I'll stick to the Do-All saw." That's what he did—and the company (and the country) lost one more craftsman. Unfortunately, things like this are happening across the country—every day.

The So-Called Minimum Wage

Wage-leveling, of course, is not the only way CIO policies are hurting personal initiative. They cut still further into a man's incentive with their proposal of the so-called Guaranteed Annual Wage.

When I tell fellow unionists I'm against this idea, they're apt to blurt back, "Whatsa matter, George—you crazy or somethin'? You don't want a guaranteed wage?"

Sure, I'd like a guaranteed income, even a guaranteed *life-time* income. For that matter, I might like a promise that I could sun myself on Miami Beach the rest of my years, and have Santa Claus—once a week like clock work—deliver to my cabana a trunkful of hundred-dollar bills.

But that's dreaming. Getting back to facts: I'd go for a Guaranteed Annual Wage, *if* it were actually possible to get it, and *if* I could get it without

hurting myself or anyone else. But so far, nobody has figured out how to do that.

All the efforts to get a Guaranteed Wage have been aimed at getting it from a man's employer. Before an employer could ever guarantee such a thing, someone would have to guarantee *him*—that is, his company—an annual income! But nobody has, and nobody will.

Business being what it is—much more ups and downs than a Coney Island roller coaster—a company never knows just how much it'll earn in a year. If a union forces a firm to continue paying a fixed wage to all its people (whether they're working or not), and then things get slow and a lot of folks have to be laid off, what will happen to that business? It will go broke. It will close up. Then what will happen to the wages it was paying? They will disappear. So what happens in that case to the Guaranteed Annual Wage? It vanishes into thin air.

Companies Could Be Bankrupted

Now, strange as it may seem, CIO bosses laugh off the fact that this might happen. They try to deny that their plan could bankrupt a company, though they say that all CIO men must be paid even when laid off because of shutdowns caused by flood, fire, or other "acts of God."

But here's proof that they really know their plan *could* bankrupt a firm; they're already cooking up schemes to "help" companies which might go broke under the G.A.W.

If an outfit is sinking, CIO will "allow" it to make its G.A.W. payments later—after it begins to get back on its feet. But a payment *tomorrow* won't help a man who's unemployed *today*, though it can help bankrupt a company that is just coming out of yesterday's slump.

Also, the papers say CIO is telling companies they can get something called reinsurance to cut down the risks of being bankrupted by G.A.W. But I hear that private insurance firms may not be willing to take such a long shot. That means companies would have to get reinsurance from the government. In this case, each time CIO's guaranteed wage plan makes a company fail, every taxpayer has to fork over to help put that firm back in business!

Finally, CIO says that in order to steer clear of bankruptcy, companies

will be *forced* to avoid layoffs—obliged to keep production humming 52 weeks a year. But the boys who figured this out forgot to do their economics homework.

Demand for a product can jump around like a yo-yo—and it's the customers (not the manufacturers) who pull the string. If an outfit keeps on turning out the same amount of goods all year round, without responding to consumer demand, there's only one place that company can end up—in the poorhouse.

Since G.A.W. threatens in so many ways to force companies out of business—and thus cut off that firm's wages completely—I feel the words "Guaranteed Annual Wage" are a phoney label. The fact is, before everyone could have a guaranteed yearly income, the whole nation—including every single business—would have to have a guaranteed prosperity, with production and sales going full tilt the year round. And according to what I read, even the economists with the biggest rose-colored glasses agree that this is impossible.

The top CIO bosses are pretty smart fellows, and I figure they know these things as well or better than I do. Maybe that's why they're not proposing, really, a universal guaranteed annual income. What they're actually after is something called "supplemental unemployment benefits"—but only for CIO people.

Campaign in Michigan

Right now in Michigan, where I live, the UAW-CIO bosses want to keep our state Unemployment Compensation Act, which pays the highest benefits of any state in the Union. But, when a UAW-CIO man is laid off, in addition to receiving his full state unemployment payments, they demand that his employer pay him supplemental benefits. The idea is that a fellow should get just about the same income all the time—whether he's working or not.

This may sound like a good deal, but I wouldn't touch it with a ten-foot pole.

Can you think of any better way to knock out a man's initiative? What incentive does a fellow have to look for work, if he can get his full salary 26 weeks in a row without lifting a hand?

There's at least a little streak of laziness—some desire to get something for nothing—in everyone. Why go so far out of our way to encourage it?

I figure I'm about as honest and self-reliant as the next guy. But I live in a part of Michigan where hunting and fishing are terrific, and I love them both. For years I've been hankering for a long trip outdoors. And I have some UAW-CIO buddies who'd sure like to come along. With the union's proposed supplemental unemployment benefits, we could all go off in the woods for months at a time. And we could do it on practically *full* pay. What a temptation!

This incentive-killing plan is bound to increase unemployment. And who's going to pay the unemployment compensation? Who's going to give laid-off UAW-CIO members a sum almost equal to their full wages?

It may come as a shock—but *you* are! You, and everyone else who buys automobiles and trucks and other things UAW-CIO men make. You'll pay for it in higher prices.

I'm a member of a group called the Michigan Information Committee, and we just put out a pamphlet that explains it this way:

Both the state unemployment money and the private unemployment funds are paid by employers; but they get *their* money from you—the citizens—in what you pay for their goods and services.

The only way employers can afford to pay these increased incentive destroying unemployment benefits is to raise prices. If the amount of increased prices were used to improve production, you'd get some value from paying the higher price. But you can't get any value from paying higher prices used only to support idleness.

Under the proposed plan, most of our wage goes into our weekly pay envelope, and the rest into a reserve fund. But I say, if money is taken from a working man's pay, it should be placed in an individual account, to be used the way he wants—and not put into a general fund.

Who will pay the most into this fund? I'll tell you. The men who've worked the longest and steadiest. Who will get the most out of it? That's easy. The man who's worked the shortest, and who's the least steady. You can work every day for 20 years, put money in the fund each week, and draw out nothing. Another guy can come along, work in UAW-CIO for just two years, and get just about full pay for 26 weeks of loafing. This is unfair. Worse than that—it's socialistic.

The Way It Adds Up

Add them all up: UAW-CIO's
(Continued on page 52)

Questions and Answers About Mental Illness

Preface

FOR years we who listen to radio and read the advertising of some leading insurance companies and drug manufacturers have heard and seen the repeated admonitions: "See your dentist every six months; see your doctor every year." Then the diet specialists and vendors of vitamins tell us what to eat and how to supplement vitamin deficiencies in our food with just the right amount of X, Y and Z vitamins to keep us young and vital.

So far so good. Dental and physical check-ups are excellent, but they stop short of hitting the target by failing to tell us how to keep our mental equipment in top shape—how to keep from being one of those unfortunates who, with his fellow sufferers, occupies over half the hospital facilities in this country.

Why has the problem of mental illness been allowed to grow to such threatening proportions as to dwarf all other diseases with so little concentrated effort being made to reduce its heavy toll of economic loss and human misery?

There are many reasons—too many to discuss here. The chief oversimplified reason has been ignorance. That ignorance has been manifested in the form of a stigma attached to any person suffering from a mental disorder. In earlier years those suffering from non-violent stages of mental disease were considered "town characters" in the small towns. They were referred to when seen on the street or in many homes, in hushed voices, "He's cracked" or "she's got a screw loose." When they became violent they would be sent to what was known as the "asylum." Each state had one or more. Whenever a family was unfortunate enough to be forced to send one of its own household to these asylums, the gossip-mongers had a field day wagging tongues—sometimes in whispers behind hands and at other times, when relatives and friends of the afflicted were absent, in full throated tones. "I hear George Broadsword was sent to Norwich last week. Always thought he was a little bats in the belfry. Guess it runs in the

family. Hear his grandfather went nuts, too. His wife Matilda is acting a little queer, too, of late."

Ignorance of the causes and possible remedies for the various types of mental illness was another reason for delayed action by the medical profession. They had too many other killer physical diseases to deal with first. Now that many of the communicable killer diseases have been brought under definite control and real progress has been recorded in the treatment of such dread killers as cancer, heart disease, polio and tuberculosis, more and more attention is being directed toward the prevention, treatment and care of the nation's No. 1 disabling disease—mental illness.

In order to alert management to the magnitude of production losses caused by mental disorders, and to focus attention upon the action needed to improve the situation, *Connecticut Industry* asked the Connecticut Association for Mental Health, New Haven, to develop a question and answer type story, which follows.

Twenty-One Questions and Answers About Mental Illness

- Q. How many Americans are suffering from mental disorders?
A. More than 10 million Americans—one in 16.
- Q. How many people are currently hospitalized for mental illness?
A. 750,000—more than half of all the hospitalized persons in the entire country—more, in fact, than the combined number of people hospitalized for polio, cancer, heart disease, tuberculosis and all other diseases.
- Q. What are the chances of recovery from mental illness?
A. The chances of recovery are greater when the disease is detected early—and when sufficient treatment is offered promptly by the mental hospitals.
- Q. On the average, what per cent of the mentally ill is recovering?
A. About 45 per cent of the patients admitted to the average mental hospital today are eventually discharged as improved or recovered. In a few well-equipped and well-staffed mental hospitals as many as 70 per cent improve or recover.
- Q. How many of the nation's hospitals are overcrowded, under-staffed and under-equipped?
A. The majority of them. Only four state mental hospitals in the United States have been accredited by the American Psychiatric Association, signifying that they meet minimum approved standards. Two of these four are located in Connecticut.
- Q. Do overcrowded conditions aggravate the illness of the patients?
A. Such conditions reduce the chances of recovery—enhance the spread of communicable disease—and even aggravate the mental illness of many patients.
- Q. What about community mental health clinics? How do they help the mentally ill?
A. Mental health clinics in the community provide psychiatric treatment for men, women, and children with the less severe mental disorders. These local clinics also serve the important purpose of taking the pressure for treatment off the state mental hospitals.
- Q. How many such mental health clinics are there in the United States?
A. About 1,200—half of which are part-time operations. At least 50 per cent of these community psychiatric clinics are located in the northeast.
- Q. How many community clinics are needed?
A. The best information indicates that 3,300 full-time community psychiatric clinics should be in operation in this country.
- Q. What about the shortage of psychiatrists? How many psychiatrists are there in the U. S. today?
A. There are about 9,500 psychiatrists in the U. S. today, although as many as one-third of these are practicing just in New York and

(Continued on page 36)

INTRODUCING

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*Based on "Iron Age" 3/29/56 "How Warehouse Buying Pays" — Reprints available

NEWS FORUM

This department includes a digest of news and comment about Connecticut Industry of interest to management and others desiring to follow industrial news and trends.

H. M. DAY, president of the Norma-Hoffman Bearings Corporation, was elected a member of the Association's Board of Directors at its June 26 meeting. He will serve the remainder of the unexpired term of DeHaven Ross, secretary and treasurer of Homelite, Division of Textron American, Inc., Byram, director at large, whose term ends December 31, 1958.

Mr. Day, a native of Oregon, after graduating from Yale with a B.S. degree in Metallurgical Engineering in 1934 and receiving a Ph.D in Physical Metallurgy, also from Yale, in 1937, spent five years in the Bureau of Ordnance, U. S. Navy, with the rank of Commander. Prior to coming to Connecticut in February 1955 to assume the duties of president of Norma-Hoffman Bearings Corporation, he first served as vice president of Thomas Industries, Fort Atkinson, Wisconsin and later as vice president in charge of manufacturing of Ekco Products Co., Chicago.

He is currently a director of Norma-Hoffman Bearings Corporation, president and director of Ritepoint, Inc.,



H. M. DAY

director of Universal American Corporation and Vulcan Iron Works. He is also a director of the Stamford-Greenwich Manufacturers Council and of the Stamford YMCA.

★ ★ ★

A PUBLIC showing of the new, improved Hazelett Continuous Strip Casting Machine was held recently at the W. S. Rockwell Company, Fairfield.

The Cover



THIS MONTH'S cover is a montage of photos showing various products (plaster shower curtains, upholstery material, vinyl, floor coverings, packaging materials, gift wrappings, etc.) which were printed on cylinders engraved by Chambers-Storck Co. of Norwich.

Open House allowed representatives of the industry to inspect the new machine.

Members of the Manufacturers Association of Connecticut who may have missed the showing but are interested in seeing the new machine, are invited to call F. W. Aplequist, Jr., of Rockwell's Special Machinery Division, who will arrange a viewing.

★ ★ ★

TWO APPOINTMENTS in the newly formed Forging and Screw Machine Division have been announced by Scovill Manufacturing Company, Waterbury. W. H. Machin has been named manager and he has named N. J. Schaffer as factory superintendent of the division.

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Mr. Machin has been with Scovill for thirty-eight years. He served in the manufacturing and tool divisions and in 1949 was appointed tool superintendent of the manufacturing divisions. In 1951 he was given the additional responsibility of superintendent of the screw machine products division.

Mr. Schaffer joined Scovill in 1939. He was production manager of the merchandise division and most recently production manager of the screw machine products division.

★ ★ ★

UNITED AIRCRAFT CORPORATION has provided \$212,900,000 of its own funds for new production and experimental facilities and equipment in Connecticut during the last ten years, according to H. M. Horner, chairman.

Since January 1, 1946, the corporation's directors have authorized the expenditure of \$132,300,000 for the construction of new production facilities and \$80,600,000 for additional experimental facilities. Mr. Horner said that the corporation's three divisions now occupy almost three times as much space as they did in 1946.

Reviewing the physical growth of the Pratt & Whitney Aircraft, Hamilton Standard, and Sikorsky Aircraft divisions of United Aircraft Corporation since 1946, Mr. Horner said:

"The \$80,600,000 expenditure for experimental facilities is significant because it emphasizes the importance of research and development in the aircraft business. That covers the cost of experimental and development facilities, tools and equipment that are playing a vital role in developing advanced products for the future."

★ ★ ★

A NEW industrial gasketing material called Teflon-Vistex, said to possess outstanding chemical and physical properties and economy advantages over similar materials, is now being offered to industry by American Felt Company, Glenville.

Teflon-Vistex is a high pressure sheet stock laminate consisting of plies of mechanically interlocked synthetic fiber felt impregnated with Teflon resin. The significance of the development lies in the fact that the exceptional thermal and chemical properties of Teflon are now available in a gasketing material with low cold flow characteristics.

American Felt Company manufactures Teflon-Vistex gaskets in two types which differ in their gasketing action

and compressive resilience properties. Type "W" is a tough, exceptionally high tensile strength material for general purpose applications. Type "NS" is a moldable material especially suited for applications involving irregular flange surfaces and pressures. Both types lend themselves to fabrication as precision cut gaskets, strips and washers. The materials are presently available in thicknesses from 1/64 to 1/16 of an inch.

★ ★ ★

AN AIR FORCE contract amounting to \$1,480,090 for the design, development and fabrication of recording optical tracking instruments has been awarded to the engineering and optical division of the Perkin-Elmer Corporation. Under the terms of the contract, Perkin-Elmer will also build two facilities to house the instruments in Florida.

The instruments are to be used in the Air Force's long range guided missile test range program. They will be the largest of their type ever built, and will incorporate a number of automatic features.

★ ★ ★

THE APPOINTMENT of Robert L. Stockus to the position of manager, rolling mill sales, has been announced by Farrel-Birmingham Company, Inc., Ansonia. He succeeds George F. Schaefer who has retired after thirty-one years with the company.

Mr. Stockus first joined Farrel-Birmingham as assistant manager of the rolling mill division in 1953.

The company has also announced the appointment of Howard E. Kuehn as division engineer, rolling mills.

★ ★ ★

A NEW TYPE slip ring assembly to obtain accurate data on stresses of rotating parts while in operation has been designed by Avco Manufacturing Corp., Stratford. The assembly may be built in different sizes depending upon requirements.

The new design, according to the manufacturer, will pick off readings on seven circuits (14 rings), operate up to 5,000 RPM and transmit any signal or change of signal whether through thermocouples or strain gages.

The company has also announced that a new method of attaching sealing strips to aircraft engine deflectors, designed by a Lycoming engineer, is credited by the Avco division with decreasing cost, increasing engine safety, and reducing field repair time.

The rubber sealing used on the R-1820 and R-1300 air-cooled engines had previously been attached to the deflector by means of metal strips and rivets, resulting in chafing problems between metal strips and mating deflectors.

The new method calls for incorporation of rubber buttons on the seal flange making it possible to attach the seal directly to the deflector by inserting the buttons through drilled holes. Thus attachment of the seals becomes a single-stage operation eliminating metal strips and rivets.

★ ★ ★

MORE THAN 100 graduate engineers from 38 colleges and universities across the country joined Hamilton Standard, division of United Aircraft Corporation, this summer through the division's 1956 college engineer recruiting program conducted among college seniors. Most are enrolled in the engineering graduate training program, while the rest have joined the division's technical force.

The training program is a seven-weeks orientation course conducted at the plant to brief the new engineers on company policy, organization and products to help them establish themselves as quickly as possible. The program is given by the personnel department's training section and the Hamilton Standard service school.

★ ★ ★

JAMES H. NAPIER, president of The Napier Co., Meriden, has announced two \$2,500 scholarships to candidates selected from 13 leading schools of fashion and design in this country.

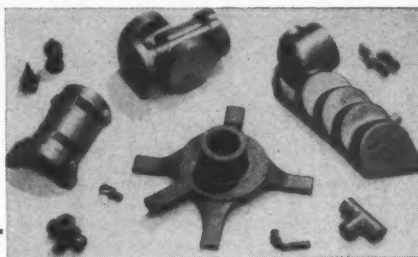
The scholarships are being arranged in conjunction with the fashion house of the Fontana Sisters at Rome, Italy. The award provides all living and traveling expenses including study at the Fontana fashion school and workrooms in Rome for three months.

According to Napier this is the first time that such exchange scholarships in the field of fashion and design have been provided by an American manufacturer.

★ ★ ★

CHARLES J. CANNON has been appointed sales manager of the Waterbury Tool Division of Vickers Incorporated, it has been announced by Merrill A. Hayden, general manager. Mr. Cannon was manager of the Federal Contracts Division of Vickers in Detroit.

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AN AWARD of the Research Institute of America is presented by William C. Byrnes (left) of New York, executive staff member of the Institute, to John H. Dockendorff, president of Dockendorff and Company, Bridgeport for "an effective contribution to the development of executive skills in human relations and manpower utilization." The award was based partly on Mr. Dockendorff's editorial which appeared in the November 1955 issue of *Connecticut Industry*.

Operations of this division at Detroit will be combined with those now handled at Waterbury Tool. The division will handle sales, engineering, development, manufacture and service for marine and defense applications which are not airborne.

★ ★ ★

A COLORFUL revamped bulletin which now includes a more complete line of U. S. motors has been released by U. S. Electrical Motors, Inc. Descriptions and full-color illustrations are included of open-type Uniclosed designs, totally-enclosed and explosion-proof types, Varidrive, Syncrogears, and right-angle worm gear models; also vertical motors and Verticlosed hollow-shaft types.

A copy of the new bulletin, No. 1878, may be obtained from U. S. Electrical Motors, Inc., Box 2058, Los Angeles 54, California.

★ ★ ★

THE VIKING VOID DETECTOR, said to offer distinct advantages in quality control, is a recent development of Viking Instruments, Inc., East Had-dam. It is designed for the detection of minute or large holes in any material which is electrically nonconducting.

The standard model tests materials such as paper, plastic and rubber up to .025 inches thick and records holes

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of 1/64 inch in diameter and larger. The detecting and recording system includes the use of a one, two or three position indicator unit connected electrically to feeler brushes.

The feeler brushes are attached to the roll, plate or bar which is processing the dielectric material. Whenever a void in the material passes between the feeler brush and the grounded roll, plate or bar, a low voltage pulse is transmitted to the indicator unit where it is measured and recorded.

★ ★ ★

THE CONSOLIDATION of Bush Manufacturing Co., West Hartford, and C. A. Dunham Co., Chicago, and the formation of a new company, Dunham-Bush, Inc., has been announced.

In a statement announcing the Dunham-Bush consolidation, Cecil Boling, president of Dunham-Bush, Inc., said, "Combine the facilities, resources and engineering know-how of two well known names in heating, air conditioning and refrigeration like Dunham and Bush, and you have created an organization whose impact will soon be felt throughout an expanding industry."

A national network of strategically located Dunham-Bush warehouses will provide faster deliveries and lowered freight rates. Specific products will be manufactured in geographic areas selected with customers' interests in mind. Air conditioning and refrigeration products will now be produced in Michigan City, Indiana; Marshalltown, Iowa; and Toronto, Canada. Certain additional heating products will be manufactured for the first time at the West Hartford plant.

★ ★ ★

FOUR PROMOTIONS at The Stanley Chemical Company, a subsidiary of The Stanley Works in East Berlin, were announced by William H. Baldwin, president of the chemical concern.

Valentine B. Chamberlain, Jr., was appointed assistant sales manager in charge of national accounts. Robert F. McTague was named assistant technical director; Donald M. Bell, laboratory consultant and Arthur B. Vincent, chief chemist.

★ ★ ★

ULBRICH STAINLESS STEELS, Wallingford, has just completed a new wing which will add 15,000 square feet to plant facilities. This addition will be used exclusively for the warehousing of stainless steel coils.

It was further announced by Fred C. Ulbrich, president, that plant equipment is being modernized and expanded with the addition of new mills and one of the country's few gas fired atmosphere bright annealing furnaces which is now in operation.

Ulbrich Stainless Steels is the only mill in the country which specializes in small orders of stainless steel strip exclusively. The bulk of its business is in items impractical for large mills

to furnish. The steel is finished exactly to customer specifications, and complete facilities are available for rolling, slitting, shearing, flattening, edge rolling and annealing.

★ ★ ★

A NEW GILDA high speed automatic filling machine capable of filling over 300 one-pound cans per minute was announced recently by J. Potter Cunningham, president of Potter &

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For nearly eighty years, the name IVES has been synonymous with the finest quality builders' hardware. In these long, eventful years, Ives design and craftsmanship have cast the shadow of their influence on the standards of the entire hardware industry. Today, thousands of American homes—built in the traditional or contemporary vein—are given "... the EXTRA Quality Touch ..." which is the hallmark of—



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HELI-COIL CORPORATION'S Techmobile is designed as a mobile engineering and demonstration unit. Thirty-five feet long, both the interior and exterior were designed by the sales promotion department at Heli-Coil. The interior has an upholstered conference area in the rear, work benches and power tools for sample installations of the Heli-Coil screw thread insert. Seating is provided for approximately 20 persons.



Johnston Company, Pawtucket, Rhode Island, a subsidiary of Pratt & Whitney Company, Inc., West Hartford.

The Gilda filler, long known to packagers of powdered, granular and dry materials such as various food products, cleansers and soaps, incorporates new design features created by Potter & Johnston since its recent acquisition of the Gilda business.

According to the manufacturer the Gilda machine is engineered throughout to insure dependable, fully automatic operation; many unique devices are incorporated to guard against jamming, overfilling or other malfunctions resulting from faulty cans and other causes.

★ ★ ★

A NEW SERIES of general purpose, heavy-duty relays, whose small size in relation to their high capacity makes them suitable for wide-spread applications in automation systems as well as in appliances, has been developed and is being marketed by the Hart Manufacturing Company, Hartford.

Designated as "Diamond H" Series

W Power Relays by the manufacturer, they measure 1½" by 1½" 1-7/8" (excluding terminals) but carry resistive loads up to 25 amperes at 115-220 V, A.C. Uses include motor starting, solenoid valve control, heater circuit control and similar applications.

★ ★ ★

HOME-COMING DAY for retired men and women of the Bridgeport plant of General Electric Company, was an outstanding success, according to the enthusiastic comments of the 200 retirees who attended the recent event from all parts of the country.

The first of a proposed annual event, the program started in the morning at Convention Hall where the homecomers were welcomed by Maurice W. Reid, manager, relations and utilities, and William F. Burleigh, manager, employee and plant community relations. There followed an "Old Acquaintance Hour" during which buttered Danish pastry, coffee and coke were served, the homecomers then went out into the plant for informal visits. At 12:30 the entire party assembled at the plant

restaurant to enjoy the "First Annual Home-Coming Day Luncheon." After luncheon the homecomers convened again in Convention Hall where they viewed the GE sound film "Freedom and Power." The day ended with the distribution of attendance prizes in the form of GE appliances and clocks.

★ ★ ★

DUKE LABORATORIES, INC., South Norwalk, has recently moved into a new 60,000 square foot plant, offices and laboratories located on a wooded hillside facing Long Island Sound.

The building is an L-shaped one-story structure framed in steel and concrete, and sheathed in brick and glass. The offices are grouped around an interior court at one end of the "L". Elastoplast manufacturing facilities form the other end. The manufacture of Nivea products and other Duke specialties is located in the southern wing, adjoining storage and shipping departments.

★ ★ ★

JOHN H. BOSSERT, of the Dictaphone Corporation, Bridgeport, was elected president of the Connecticut Chapter, Systems and Procedures Association of America, at a recent meeting in New Haven.

Mr. Bossert, who is head of office methods and procedures and internal auditing at Dictaphone, also was named national director for the 1956-57 year.

★ ★ ★

JOHN H. MILLS, formerly director of purchases for Bridgeport Brass Company, Bridgeport, has been assigned to head up sales of the container division of the Hunter Douglas Aluminum Corporation, recently acquired by Bridgeport Brass.

With the acquisition of the Hunter Douglas Aluminum Corporation, Bridgeport Brass will promote a new type of aluminum container for use in the aerosol industry. Hunter Douglas engineers have developed an entirely new method of impact extrusion from a cast slug for the manufacture of containers having a flexibility of design and color decorations far exceeding any of the current type of metal cans.

★ ★ ★

CHARLES L. CAMPBELL, former president of Connecticut Light & Power Co., died recently while on vacation at Weekapaug, Rhode Island.

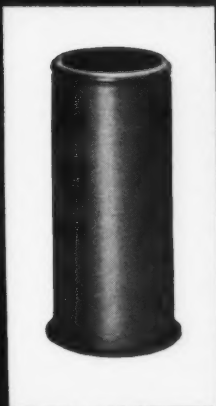
A native of Canada, Mr. Campbell

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PRESTEEL licks tough price, delivery problem for Bendix Aviation Corp.

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Could a way be found to retool the original housing at a lower cost? The Presteel engineering team, backed by over 72 years of stamping know-how, went to work.

They researched the job, then designed a brand-new 4-draw tooling combination to do most of the job in one fast operation. Out went one annealing operation, three separate handling operations, and the use of three additional presses!

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came to Waterbury in 1912 as secretary-treasurer of the United Electric Light & Water Co. In 1917 the company merged with CL&P and Mr. Campbell was made secretary. He became vice president and treasurer in 1929 and president in 1937.

Mr. Campbell's numerous activities included director of the Gray Mfg. Co.; member and past vice president of the New England Council; member and past treasurer of the Manufacturers Association of Connecticut; founder of the Connecticut Public Expenditure Council; member of the Connecticut War Council; trustee of the Hartford Connecticut Trust Co.; trustee of the Tax Foundation.

Mr. Campbell served as chairman of the board at CL&P from 1948 until 1952, when he retired from active leadership in the firm.

★ ★ ★

THE APPOINTMENT of Harry B. Davis to the position of vice president and general sales manager of Casco Products Corporation, Bridgeport, has been announced. In his new capacity Mr. Davis will have the responsibility for sales in the appliance, drug, automotive accessory and car factory divisions.

Mr. Davis joined Casco as assistant sales manager of the appliance division in 1948. He was promoted to sales manager of the appliance division in 1952. Two years later he was appointed a director and in 1955 became a vice president.

M. Joseph Dunn has been named sales manager of the appliance division. Before joining Casco he was sales manager of the vacuum cleaner division of Westinghouse Electric Corporation and prior to that, sales manager of The Telechron Company.

★ ★ ★

MORE THAN 150 men and women, representing factory, home office and field personnel of Pitney-Bowes, Inc., Stamford, gathered recently in the company's Vonderlieth Hall for a joint farewell dinner for two long-time executives of the postage meter company.

The occasion was a combined pre-retirement dinner in honor of Simeon W. Sells, vice president for government relations, and William E. Smith, sales promotion manager.

Mr. Sells rose to vice president of the company from a salesman's job, and became a branch, regional, special machines and tax equipment manager through the years.

Mr. Smith started pioneering post-

age meter sales in the south 33 years ago, and was a field manager and early advertising chief for Pitney-Bowes before taking over direct mail advertising and sales promotion 18 years ago.

★ ★ ★

JOHN L. BOURQUIN, SR., traffic manager of the Torrington Division of the American Brass Company died recently at his home.

Mr. Bourquin entered the employ of the American Brass Company in 1916. He was a member of the American Legion in Winsted and the Northwestern Connecticut Dog Club. He is survived by his wife, a son and a grandson.

★ ★ ★

THE 1956 Raybestos Employee Community Service award was presented recently to John Keenan and Robert Lincoln during ceremonies at Raybestos field.

For the first time since the program was initiated eight years ago, two winners shared the award. They were introduced by William S. Simpson, Raybestos general manager and John F. D. Rohrbach, president of Raybestos-Manhattan, Inc., presented both men with an engraved wrist watch.

Mr. Keenan, assistant accountant in the Raybestos Division, has been active in local affairs as commander of the Raymond T. Goldbach Post, VFW, former marshall and chairman of the Memorial Day Parade, former boxing commissioner of the town and is associated with the Stratford Red Cross, Republican town committee, Sterling House Council and the Holy Name Church.

Mr. Lincoln was honored for his many years of service in providing entertainment to veterans hospitals. He has been in the shipping department of Raybestos for 27 years.

★ ★ ★

JOHN E. CASKEY, vice president and general manager of the Naugatuck Chemical division United States Rubber Co., Naugatuck, was elected to a two-year term on the board of directors of the Manufacturing Chemists Association at the group's annual meeting.

Mr. Caskey joined Naugatuck Chemical in 1915 after graduating from Ohio State University with a degree in chemistry. In 1953 he was elected a vice president of the rubber company and appointed general manager of Naugatuck Chemical.

The M.C.A., which has headquarters

in Washington, is a trade association which represents more than 90 per cent of the country's chemical manufacturing capacity.

★ ★ ★

A SERIES of executive changes in the management of the Frank H. Lee Company, Danbury, has been revealed. The changes include the retirement of all members of the Lee family from active management of the firm.

Donald P. Sweetser has been elected chief executive officer of the firm. James B. Lee has resigned as president and Thomas F. Lee as secretary and treasurer. Their former posts will remain vacant.

Mr. Sweetser has been executive vice president and will continue in that post. Charles P. Collins, general manager of the Davis and Geck division of American Cyanamid Company, was named board chairman. Other officers are Richard G. Williams and M. Edward Burns, vice presidents, and George Vallar, assistant treasurer.

★ ★ ★

PAUL C. NICHOLSON, chairman of the board of directors of the American Screw Company, Willimantic, died



ERLE MARTIN, general manager of Hamilton Standard Division, United Aircraft Corp., Windsor Locks, turns first spadeful of earth for new 370,000 square foot plant, as Arvid Nelson, factory manager, waits his turn.

recently. Mr. Nicholson was also associated with the Nicholson File Company, being considered one of the world's leading authorities in this field.

He was elected president of the American Screw Company in 1939 and

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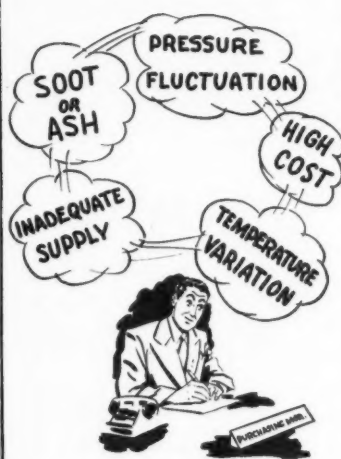
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served in that capacity until 1944 when he was succeeded by Eugene E. Clark.



ELECTRIC REGULATOR CORP., Norwalk, manufacturer of REGOHM, has acquired from Texas Instruments, Inc., Dallas, Texas, the regulator business formerly handled by the Burlington Instrument Company of Burlington, Iowa.

Principal product involved is the "Synchrostat", a voltage regulator which has been manufactured by Burlington for a number of years. Electric Regulator has already started to produce the Synchrostat. Manufacturing plans for other Burlington products have not been announced.



PURCHASE of the outstanding stock of Champion Laboratories, Inc., Meriden by the Pyroil Co., Inc. of La Crosse, Wisconsin, has been announced by Robert A. Stanley, president of the Meriden firm.

Mr. Stanley will continue as president, secretary and general manager of Champion Laboratories, which will remain in Meriden, and Herbert T. Hackbarth, as vice president in charge of production and purchasing. M. O. Weiby, president of The Pyroil Co., a producer of lubricants since 1929, becomes chairman of the board of the new Champion Division. Harold McCreight, vice president, secretary and general sales manager of Pyroil, becomes vice president, treasurer and sales manager of Champion.



APPOINTMENTS of David J. Crombie as vice president in charge of personnel and industrial relations, and Andrew Anderson as vice president in charge of manufacturing for Underwood Corporation were announced recently by Fred M. Farwell, president.

Mr. Crombie will be responsible for all phases of personnel management, employee training, executive development and labor relations. Mr. Anderson will direct the production of Underwood's electric and manual typewriters, accounting and adding machines, Elecom electronic computers and Dataflow integrated data processing equipment.

Mr. Crombie, before his transfer to New York, served as an engineer, personnel assistant and assistant works manager at Hartford.

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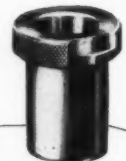
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*Sales and
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Mr. Anderson, formerly manufacturing vice president and director of the Monroe Calculating Machine Company, is an electrical engineering graduate of the Massachusetts Institute of Technology and holds a graduate degree from New York University.

★ ★ ★

PLANS for construction of a new plant in the New Haven area by The SoundScriber Corporation were made known recently in conjunction with the announcement that control of the firm has been acquired by a new group of investors.

Control of the corporation was acquired in private stock transactions. The new investor group is headed by George Allen, a director of Republic Iron & Steel Corp., along with other industrial concerns; L. Boyd Hatch, a director of Atlas Corp., and chairman of the board and president of the Ambassador Hotel Corp., and William L. Less, partner of the D. H. Ellis & Co., members of the New York Stock Exchange, and chairman of the board and president of Borne-Scrymser Co.

It was further announced that Henry J. Servais had been elected vice president and chief executive officer in charge of all future operations, and that the plans of the new controlling group call for a diversification of products along with construction of the new plant. Mr. Servais was formerly associated with the Estey Organ Corp., the Sperry Gyroscope Co. and the Hammond Instrument Co.

★ ★ ★

ELECTION of Paul W. Knapp, production manager of the Hartley Tool & Die Co., Inc., Thomaston, to the post of vice president has been announced by Earle W. Hartley, Jr., president.

Mr. Knapp, who will continue in charge of production at the plant, is a native of Detroit and a graduate of Lawrence Institute of Technology. He entered the employ of the Thomaston firm in June 1946 and was named production manager in 1955.

★ ★ ★

BARNES ENGINEERING CO., Stamford, has been cited by Mill and Factory magazine for developing its new Binotrol Automatic Positioning Table. This automatic device can be used for all sorts of light manufacturing work, such as drilling, reaming, and tapping, according to the manufacturer.

All motions of the machine are automatically controlled by a punched tape, without the aid of a human operator. The citation, called the "Product of the Month" award, is given monthly by a committee of industrial engineers and editors to the company whose new product is deemed to have the greatest merit.

★ ★ ★


FRED M. HILL has been named

engineer in charge of development on nuclear power products, it has been announced by Erling Klafstad, assistant director of engineering at Manning, Maxwell and Moore, Inc., Stratford.

Mr. Hill received his B.S. and M.E. degrees at Michigan State University. Previous to joining the Bridgeport firm in 1941 he was an engineer with the Commonwealth and Southern Corporation in Jackson, Michigan, and before

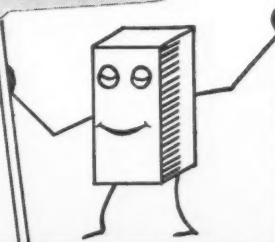
Excessive Breakage!

Profits Fall!



The illustration shows a broken glass bottle with a sad face and a small box character with a sad face, both looking down at a large open cardboard box. The box is empty except for a single cushioned wall.

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The illustration shows a small box character with a happy face, standing next to the large open cardboard box.

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his present appointment, manager of the product service department.

★ ★ ★

FOUR MEN employed as apprentices by Connecticut manufacturing plants were recognized recently by the National Association of Manufacturers as outstanding apprentices.

Louis W. Fenelon, award winner, who received an engraved plaque, is an apprentice engineering draftsman employed by the Electric Boat Division of the General Dynamics Corporation, Groton.

The three runners-up in the state-wide contest were Frank S. Campisi, employed as a pantograph apprentice by the Parker Stamp Works, Hartford;

John F. Mushinski, tool maker apprentice employed by Automation Equipment, Inc., Wallingford, and Eugene R. Brandolini, employed as a toolmaking apprentice by Olin Mathieson Chemical Corp. of New Haven.

The NAM makes an award to the outstanding apprentice in each state annually as encouragement for the further development of apprentice training as a means for preparing the skilled craftsmen which are vital to industrial production and progress.

The committee of judges who made this year's selections consisted of Roy W. Adams, director of Vocational Field Training Service; Thomas Yoczik, chief of Apprentice Training Division of the State Labor Department; L. M.



CONNECTICUT'S outstanding industrial apprentice received an engraved plaque during outdoor ceremonies at the Electric Boat Division of General Dynamics Corporation Groton, recently. Pictured, from left, Eugene R. Brandolini; Robert A. Price, New England publicity director for the National Association of Manufacturers, who made the presentation; Louis W. Fenelon, winning apprentice; Frank S. Campisi and John F. Mushinski.



JOHN CARRA, left, foreman at Parker Stamp Works, Hartford, congratulates **Frank S. Campisi** on his selection of one of the four leading apprentices in Connecticut in the NAM state-wide contest.

A partner's death dissolves a partnership ... but it needn't dissolve the business!



By law, a partnership is usually dissolved when one of the partners dies. The business itself, however, need not be liquidated immediately. It can be reorganized—and continue to thrive.

But all too often, the business also succumbs to the *complications* that follow the death of a partner.

In some instances, the heirs are disinterested relatives who insist on selling out. In other instances, relatives who consider themselves capable try to step in and run the business their own way. In either case, all you have built is quickly torn down.

You can avert these difficulties by taking two simple precautions. First, ask your attorney to draw

up a Buy and Sell Agreement for the purchase of a partner's share in the event of death. Then call in The Travelers man for *Partnership-Life* insurance to provide *money* for the purchase.

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Bingham, secretary of MAC and John J. Dwyer, personnel director, Sargent's Inc., New Haven.

★ ★ ★

ALLRICH S. HARRISON, president of the A. S. Harrison Company, South Norwalk, has announced the appointments of Charles E. Palmer as vice president in charge of marketing and Alfred L. Olsen as secretary of the firm. The company manufactures Preen floor wax and other packaged household products.

Mr. Palmer joins the firm from Lever Brothers, with whom he has been associated since 1952. Mr. Olsen succeeds G. Gardner Pitts, who retired recently due to poor health. Mr. Olsen joined the company in 1946, shortly after its formation, and has been active in all phases of its sales work.

★ ★ ★

PROMOTION of Ernest W. Bush to general foreman, in charge of all manufacturing operations, has been announced by Frederick K. Daggett, president of Flexible Tubing Corporation, Guilford.

Mr. Bush joined Flexible in March 1956 as industrial engineer, after six years with U. S. Rubber Company as production foreman in the company's fabric and waterproofing division at Naugatuck.

★ ★ ★

A NEW EMERGENCY AID PLAN has been inaugurated by General Electric Company, Bridgeport for the benefit of most General Electric employees and pensioners, according to an announcement by M. W. Reid, manager, relations and utilities.

The financial aid available to eligible employees will generally take the form of loans in case of emergency, interest free up to the first \$300. The grants will be available when it is determined that because of a dire emergency a loan would not be appropriate. In such cases, no repayment of the financial aid will be required, nor will there be any interest charged on the amount granted.

In those locations where no local Relief and Loan Plan is in existence, employees who have a year or more of service and are participating in the company's insurance plan will be eligible to apply for Emergency Aid Loans or grants in times of serious financial emergency.

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The new Underwood Electric makes both Secretary and Boss look good!

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DICTAPHONE CORPORATION, Bridgeport, has announced its intention to purchase the Remington-Rand plant. The new property will provide 25% more space for Dictaphone's Bridgeport operations.

In making the announcement, T. H. Beard, vice chairman of the executive committee, pointed out that the new buildings will give Dictaphone the space needed for its expanding business.

★ ★ ★

WHAT APPEARS to be a sawed-off shotgun has been added to the equipment of the Connecticut Light & Power Company's operating department. In reality, this weapon is a line-throwing gun useful in the many unusual situations that face a power company in its varied operations.

The gun uses a 45.70 blank cartridge for the charge to fire a one-half pound brass rod. This projectile carries 550 feet of double-weave nylon line housed in a barrel-like device attached to the underside of the weapon.

Line throwing guns were first used by the company, on a loan basis, during the floods last year. One gun was used to get a line across the raging Naugatuck in Waterbury; the other to span the Housatonic near New Milford.

★ ★ ★

A NEW 20-page color brochure describing "Production Proved" progressive dies and tools has recently been developed by the B. Jahn Manufacturing Company, New Britain.

Described and illustrated within the 20 pages are B. Jahn case histories on the manufacture of progressive dies, tools, jigs, fixtures, gages and special machinery. Copies are available from the company.

★ ★ ★

CAPTAIN H. T. DIETRICH, USN, (retired) has joined Kaman Aircraft as assistant to the president. In view of Kaman's rapidly expanding activities in diversified aeronautical fields, the company reported, Captain Dietrich will assist management in responsibilities related to long-range planning and policies of systems developed within the Department of Defense.

During his thirty years as a naval officer, Captain Dietrich has served as a naval aviator and has held a number of important administrative posts. He served in the Bureau of Aeronautics on the planning, programming and control of broad aeronautical programs from 1952 until his retirement on July 1, 1956.

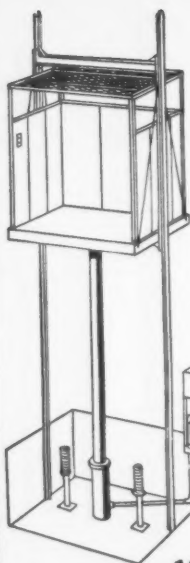
★ ★ ★

A SPECIAL one-day Symposium on Occupational Noise will be held at the Yale-New Haven Medical Center on September 17. The conference will be presented by Yale University School of Medicine and Grace-New Haven Community Hospital in cooperation with Liberty Mutual Insurance Company.

Planned for industrial executives, physicians, safety engineers, and others who are concerned with problems of occupational noise, the conference will feature six talks by leaders in this field, and close with a panel discussion.

Topics included in the program are: "Noise and Its Measurement," "Effects

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of Noise on Man," "Legal and Economic Aspects of Noise," "A Comprehensive Conservation of Hearing Program," "Prevention of Hearing Loss by Engineering Control."

The Symposium will get under way with registration at 9:30 A.M. at Fitkin Amphitheater. The fee is \$15 per person, including luncheon. Total enrollment will be limited in number and only those persons who have registered in advance will be admitted. Further information may be obtained by writing to the Assistant Dean of Postgraduate Medical Education, Yale University School of Medicine, 333 Cedar Street, New Haven 11.

★ ★ ★

TWO MAXIM salt water evaporator distillers, capable of producing nearly 100,000 gallons of fresh water daily (and believed to be the largest item of American manufacture aboard, have been installed on the Swedish-American Line's luxury liner, the new 24,000-ton Gripsholm.

Supplied by the Maxim Silencer Company, Hartford, the evaporators produce water exceeding the purity requirements of the U. S. Public Health Service. A unique principal used in the evaporators requires less deck space

and fuel than similar water purifiers. These Maxim units, being of the vertical basket design, have a high ratio of fresh water output per ton of installed weight. Each of the 23,000-pound units measures approximately 16 feet high, 15½ feet long and eight feet, nine inches wide.

Launched April 8, 1956, the Gripsholm is scheduled to enter service in May, 1957. She will sail on the U. S.-Sweden run and on winter luxury cruises.

Vocational Technical Schools Key To Industry's Future

(Continued from page 10)

Education, Emeritus, Yale University; Mr. Robert Lee, Chairman, Connecticut Development Commission;

Mrs. Alice Marshall, Manager, Connecticut State Employment Service, New Haven;

Mr. Creighton Magoun, Superintendent of Schools, Middletown;

Mr. Albert Redway, President, Manufacturers Association of Connecticut; and

Mrs. Chase Going Woodhouse, Director, Service Bureau for Women's Organizations, G. Fox & Company.

The State Consulting Committee on Vocational Agriculture is composed of representatives of farm organizations,

farmers, Dean of the College of Agriculture, University of Connecticut, Commissioner of Agriculture, representative of School Superintendents Association, Secondary School Principals Association and others.

The State Consulting Committee on Distributive Education is composed of leading merchants, secretaries of Chambers of Commerce, school officials and others.

Each vocational-technical school works with a Citizens Consulting Committee composed of representative citizens from industry, labor, school officials and others.

In the developing vocational agricultural centers authorized in the 1955 General Assembly a consulting committee is organized composed of farmers who will assist the school in developing practical programs which will best serve the community.

In addition to the specific committees mentioned the vocational staff works with many special committees and groups such as joint apprenticeship committees, craft committees, practical nurse advisory committee and fire chief and fire marshals (in firemen training).

The purpose of this activity is to do everything to keep informed, to have programs evaluated by those being

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served, and to advise the State Department of Education so that to the greatest degree possible effective service will be rendered. In this way programs may be kept up to date and expenditures of tax money for vocational education will be used only for training that meets actual needs.

Questions and Answers About Mental Health

(Continued from page 17)

California—and many of the others are located in the northeast in metropolitan areas.

- Q. How many additional psychiatrists are needed in the U. S.?
- A. Some 13,000 more psychiatrists are needed to staff mental hospitals and community psychiatric clinics—in addition to serving private patients. The rural sections of the country are desperate for this kind of help, and the urban sections need much more than they have.
- Q. What about research? How much money is being spent on research for mental illness?
- A. About \$10,000,000 is being spent yearly for research on the more than 100 different kinds of mental disorders. This figure is about five per cent of the total spent on medical research—and one per cent of the total spent annually on the care of the mentally ill (\$1,000,000,000).
- Q. What contributions has research made to the successful treatment of mental illness?
- A. Research has helped increase the rates of recovery from schizophrenia and involutional melancholia (two common mental illnesses).
- Q. Has research produced drugs which cure mental illness?
- A. No. Research has produced drugs which are an important aid to treatment. The drugs help patients respond to treatment.
- Q. Is there any research into ways of preventing mental illness?
- A. Yes. There are some promising leads for the prevention of mental disorders. Lack of funds for research, however, is hindering progress in solving this important part of the problem.
- Q. Is the cost of mental illness increasing?
- A. Mental illness is the single most

rapidly growing item in state budgets. The total expenditure for mental illness has *tripled* in the past decade and in some states accounts for as much as 30 per cent of the operating budget.

- Q. What does caring for the mentally ill cost the Connecticut taxpayer?
- A. Eleven cents of your tax dollar to support state government is spent on Connecticut's mentally ill. This amount *does not* include Connecticut tax funds spent on mental retardation and alcoholism.
- Q. How does mental illness affect Connecticut's working force?
- A. It is known that one of every four workers has a personality disorder potentially detrimental to safe and efficient work.
- Q. How do these personality disorders affect job performance?
- A. These disorders find their outlets in absenteeism, accidents, dissatisfactions, and alcoholism.
- Q. How do these disorders affect industrial production?
- A. It is estimated that production losses as a result of personality difficulties amount to BILLIONS nationally.
- Q. How can industry help reverse the sky-rocketing toll of dollars—misery—industrial waste—social waste?
- A. Industry can help by promoting and supporting *early detection, early treatment, and effective rehabilitation* of the emotionally upset and mentally ill—and by supporting *desperately needed research* programs.

Cramer Controls Corp. Holds Open House

(Continued from page 13)

found in the Type 241. These timers and others conceived, designed and produced by Cramer engineering and manufacturing skill are making important contributions to the advancement of American industry, scientific research, and military effectiveness.

With the increasing necessity for automation in all phases of modern civilization, the timing industry is rapidly becoming one of the key elements in our nation's productive capacity. Connecticut firms like the Cramer Controls Corporation make certain that our state will retain its leading role in the national economy.



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HOW WOULD YOU DECIDE?

In this department each month there will be published labor relations grievances that were settled by arbitration. Read the grievances and check your opinion against the arbitrators ruling. Selection of cases made by MAC counsel.

May the company establish a Tuesday-Saturday work week for part of the maintenance crew although the contract provides that the regular work week shall be Monday-Friday inclusive?

Here's what happened.

For reasons of economy the company inaugurated a system whereby half of the maintenance crew was to work Monday-Saturday and half of the crew Tuesday-Saturday, alternating every other week. Certain of the maintenance work could only be done on Saturday when production was shut down, and the employees were paid time and a half for their Saturday work regardless of which group they were in. Previously the maintenance department had worked Monday-Friday with half of the crew working on each Saturday. This new arrangement of having half of the crew work Tuesday-Saturday lasted for about three months. The union claimed the company had no right to make this change in the work week for the maintenance crew and asked that the employees deprived of Monday work be compensated at straight time for the hours they lost.

Was the company justified in changing the work week for the maintenance crew in this manner?

The decision of the arbitration board pointed out that the contract specifically outlined the regular work week and that the company's right to determine how the plant should be operated was definitely qualified by that specific provision. Although the company might reduce the number of employees if there was not enough work for all, the number of hours worked per day or the number of days worked per week could not be cut back without the consent of the union. Although the circumstances warranted some sort of reduction, a mutually satisfactory solution to the problem should have been negotiated with the union before the

change was made. However, the board pointed out that if the whole department had worked Monday-Friday there would have been less Saturday maintenance work to be done; so there could be no certainty as to what loss, if any, had been incurred by omitting the Monday work. Consequently, no award was made on that part of the union's claim.

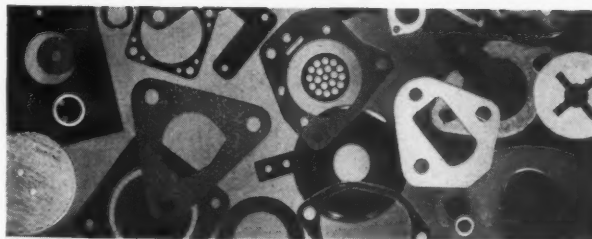
Where an employee's presence is necessary for the continued function of subsequent operations, may

he leave his job prior to being relieved by a tardy replacement on the next shift?

Here's what happened.

The employee involved was a crane operator, and unless he was on the job it meant that the ground crew for whom he handled the material would have nothing to do but wait until the crane was put in operation again. The contract provided that an employee must be relieved by his replacement before he could leave his work. Unfortunately, this employee's replacement had a habit of being late. On the day in question the crane operator left his post during the five-minute wash-up time allowed prior to the end of his shift, even though his replacement had not arrived. He had never before left the post without being relieved or being given permission to go. His foreman asked him to return to the crane and assured him he would be replaced shortly, but the employee refused to do so, claiming that he had a right to work no more than eight hours. He was

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given a two days' suspension for leaving. His replacement actually arrived eight minutes late, and the absence of an operator from the crane resulted in a 15-minute delay on the immediate operation and also delayed following operations.

Was he required to wait for his replacement even though it meant working more than eight hours, which is a regularly scheduled workday?

The contract recognized that there are certain jobs which must be manned over the several shifts without interruption and in which an employee must be relieved by a man on the next shift. The arbitrator decided that when such jobs would affect work opportunities for related occupations there is an obligation to work until a replacement appears. He indicated that management has the duty to make a diligent effort to procure a replacement and to make every reasonable effort to meet an employee's personal needs if on occasion he is unable to stay over but that does not justify the employee in failing to stay on the job until relieved by a tardy replacement.

When automatic machinery replaces other machines, how do you establish the new wage rate?

Here's what happened.

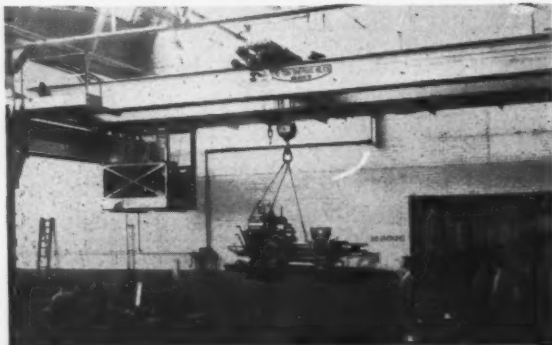
After a number of years of shifting a particular job from one type of machine to another as the older machines became less efficient, the company installed a semi-automatic machine which absorbed jobs done on the other machines. It was the union claim that this new machine combined the work of three machines and that the increase in production ranged between 300 and 400 per cent. Although the operation of the machine itself was almost completely automatic and was controlled by a system of buttons and lights, the union claimed that the physical effort involved was greatly increased because the operator must handle about four times as much work and must walk continually from one end of the machine to the other. It was the union's position that when an automatic machine replaces other machines the rate assigned to the new machine should be that of the highest paid operator who has been replaced. On the other hand, the company pointed out that there had been no layoffs as a result

of the introduction of the new machine and that it had taken the four factors of skill, training, physical effort and existing day rates of similar jobs into consideration and assigned a rate accordingly. Although the skill and training were reduced to a minimum it was admitted that physical effort was somewhat greater but had been taken into consideration in assigning the new rate.

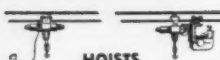
Is the union's theory correct that you take the highest job rate displaced even though it may not bear a proper relationship to the requirements of the new job?

The arbitration board analyzed the requirements of the new job by applying the elements used by the company and rejected the union claim that the rate of the highest paid operator should control regardless of the requirements of the new job. In applying the four elements used by the company, the board agreed with its evaluation of all the elements except that of physical effort and thought that the company had not made a sufficient adjustment for that element and therefore granted a small adjustment to fully reflect the additional physical effort required.

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MERCHANTS' MAN IN CINCINNATI calls the manufacturer, locates several drums of the chemical at the plant of a nearby soap company. They agree to lend three drums to meet the emergency. Merchants' truck makes the pickup.



AT MERCHANTS' WAREHOUSE, the drums are loaded into the car of "Dutch" Spatta, manager of Merchants' Cincinnati office. Regular delivery by truck will take too long.



A FAST 108 MILES LATER "Dutch" delivers the drums in time to keep production going. It was somebody else's product and somebody else's problem, but Merchants again lived up to its reputation for helping a customer out of a jam.

WHY MERCHANTS' CINCINNATI MANAGER DROVE 108 MILES TO DELIVER SOMEBODY ELSE'S PRODUCT —

At Merchants, service goes beyond the mere filling of orders for industrial chemicals. Each office of Merchants' nationwide chain makes a point of becoming familiar with its customers' problems. In the past 35 years Merchants has frequently

"walked the extra mile" to help a production man out of a tight spot. Among the products offered are acids, alkalis, fungicides, surfactants, chlorinated solvents, emulsifiers, laundry compounds, soaps, dry ice and chemical specialties.



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60 East 42nd Street, New York 17, N. Y.

SALES OFFICES AND WAREHOUSES: Chicago • Cincinnati • Denver • Louisville • Milwaukee • Columbus • Minneapolis • New York • Omaha

STOCK POINTS: Albuquerque, N. M. • Erwin, Tenn. • S. Norwalk, Conn.

The PROOF of the STEEL is in its PERFORMANCE

A customer rates DSC SERVICE first in emergencies

Here's how DSC STRIP rates on regular requirements

A customer who has been on our books for a long time remarked to our Eastern manager of sales:

"Whenever we're in trouble we call in Detroit Steel first. We know if it's possible at all they'll work out some way to help us."

That's really not unusual. We do go the limit to help a regular customer when the chips are down.

But our standing with Eastern Strip users over the years really rests on the way we take care of regular requirements—supplying the "right" Strip, keeping delivery promises, holding to a competitive pricing policy.

AN OUNCE OF PERFORMANCE IS WORTH A TON OF SALES TALK!

Job-performance records of DSC Strip are based not so much on isolated "case histories" but on the experience of all customers, on total shipments of millions of pounds, for just about every specification in the book and for every kind of Strip application—month-in and month-out, year after year.

Here is the record for the first half '56 and for '55:

*Customer Satisfaction
is Our Business*

THE RECORD

For the first six months of 1956: out of every 100,000 pounds of DSC Strip shipped—99,754 pounds fulfilled customer requirements; rejections for all reasons—gauge, size, temper, finish, etc.—averaged 246 pounds.

1ST HALF '56 JOB PERFORMANCE . . . 99.754%

For 1955 (full year): out of every 100,000 pounds of DSC Strip shipped—99,738 pounds fulfilled customer requirements; rejections for all reasons—averaged 262 pounds.

1955 JOB-PERFORMANCE . . . 99.738%

TYPICAL APPLICATIONS

(Gauges .010" to .187")

Electrical appliances and devices; luggage, appliance, building hardware; furniture and bicycle tubing; lighting fixtures; housewares; office machines; bearings, etc., etc. (Many of these products are highly finished.)

How about putting DSC STRIP and SERVICE to your own test? A DSC Customer "Rep" is close by, ready to work with and for you.

Call him . . . today?



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District Sales Offices

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New York City, 250 W. 57th St., COlumbus 5-4870

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PUBLIC RELATIONS

BY A. CARL MESSINGER
Public Relations Director

WHY DOES the Manufacturers Association have a Public Relations Department?"

The question is a normal one. It is frequently asked by management and by citizens not in industry. Just as frequent is the question, "What do you do?"

The answer to "Why public relations?" can be summed up in the phrase "a favorable climate for industry."

In these days of newspaper circulation that saturates the community, TV broadcasts from five Connecticut stations, round-the-clock radio, visual impact through posters and billboards, books, pamphlets and speakers before many organizations, the public is bombarded with all kinds of information and appeals to its emotions. Some are favorable to free enterprise, some are not.

We are in a period also when government profoundly influences the climate for business. To quote John S. Coleman, president, *Borroughs Corporation*: "... politics is already in our business. In wage regulation, price laws, safety rules, anti-trust legislation, labor relations, workmen's compensation, in control of stock issues, in all the conditions attached to defense contracts, and so on, and so on. . . . The future of businessmen will depend not

only on their organizing ability, but also on their contribution to political life."

Government taxing power can encourage business or it can slow profits and payroll to the point of no return. It is something like the story of the gal who asked her mother, "Is it ever proper to hold a man's hand?" And the reply, "Dear, it's not only proper—it's frequently necessary."

The Manufacturers Association of Connecticut operates to maintain a favorable atmosphere for industry through the activities of the organization as a whole. The job requires work on many fronts—to mention a few: legislation, industrial relations, health and safety, security (insurance) for employees, a special tax committee, industrial development, financing and public relations. The latter is, of course, one facet only of the Association's activities. It is important because communication to people is always important, whether it be the public, the customer or a single individual.

"What do you do?"

Well, we divide communication into two fronts, membership and public. Just as one picture is worth a thousand words, so no single appeal, no single medium can reach all people. Through bulletins, our monthly magazine, CON-

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solutions
rarely fit
individual cases

That's why it pays to call *Sargeant & Wilbur Heat Treating Corp.* Unmatched know-how, experience, equipment, staff, plant facilities and design services assure speed and rigid adherence to specifications. Lean on *Sargeant & Wilbur Heat Treating Corp.* for these services.

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CONNECTICUT INDUSTRY; meetings and personal contact, we endeavor to inform member companies of what is effective in public relations and what they can do themselves. Public Relations Bulletins, for example, are pretty much memoranda on practical do-it-yourself projects applicable to the medium or small manufacturer as well as the large.

As for the presentation to the public, the Association's immediate aim is to present The Manufacturers Association of Connecticut as the genuine public service organization that it is. To accomplish this, we simply tell what we're doing. Every single Association activity contributes directly or indirectly to the public welfare.

In newspaper articles, pamphlets, radio and personal appearances of speakers, the Connecticut industrial story is graphically outlined, often in terms of the individual citizen's own stake in free enterprise. Governmental developments, such as the appointment of the Association's president to the Economy Commission, are considered in the light of public welfare. Keeping always in mind that manufacturing directly and indirectly provides eighty per cent of Connecticut purchasing power, news releases express this viewpoint.

"How effective is MAC public relations?" "How effective is your company's public relations?"

The two are Siamese twins. In their ultimate effectiveness, each is helped or hindered by the other.

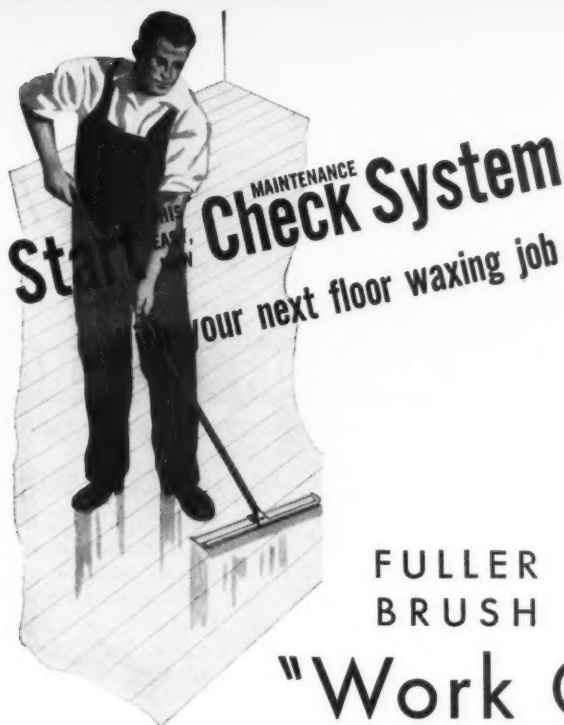
The Association's staff of 19 is supplemented by 115 officers and committee members who give their time voluntarily without compensation. But think how much more effective a state organization becomes when it has the support of a vigorous membership that actively works to accomplish its agreed-upon objectives.

"What's right with manufacturing in Connecticut?"

Many things, so many things that it is almost impossible to realize the immense public benefits that accrue from industry every hour of the day.

"What's wrong with industry in Connecticut?"

Principally its shyness in telling a straightforward story concerning the human contributions it makes. Products pay the bills but the quality of industry's public relations will determine future industrial growth and prosperity under free enterprise.



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Along with product development we have studied economical application. We understand your problems in securing efficiency from maintenance labor. To help you we have developed a "Work Organizer". It is yours without obligation.



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From the Fuller Brush laboratory comes Super-Fullduty—a wax with a base of #1 prime yellow Carnauba. Exhaustive tests show Super-Fullduty adds luster to floors and keeps new floors looking new. It is the finest wax in the complete Fuller line.

FOR REDUCING DANGER OF SLIPPING

Fulltred contains duPonts' Ludox colloidal



silica. It is safe for all types of floors including asphalt, vinyl, or rubber compositions, and is unaffected by freezing.

FOR ECONOMY . . .

In line with the Fuller Brush policy of providing floor waxes for every usage, and in every price bracket, we offer Fullthrift as a money-saver. Our laboratory developed a Carnauba-synthetic base giving this wax remarkable durability for its price.

Would you like to fit floor waxing into an overall schedule that holds down labor cost? Then send for Fuller's "Work Organizer", simply by writing to—

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Holo-Krome's New Research and Development Division

ANOTHER NEW ADDITION FOR HOLO-KROME



Holo-Krome won't stop growing because it *can't* stop growing. The ever-increasing demand for Holo-Krome socket screws has sparked a long series of major expansion moves to increase our productive capacity.

Now, still another new addition has come to life on the grounds of our West Hartford factory . . .

It is Holo-Krome's new Research and Development Division . . . conceived and designed to engage in the development of new techniques and methods for the forging of metals, thus permitting the manufacture of products not formerly forgeable or commercially available. The new division

will also be devoted to the development of machinery for secondary operations in the processing of various metals.

Scientific research is a vital factor in industry—and our new division is essential to the further development of the techniques and methods discovered by Holo-Krome when it originated, developed and pioneered the cold forging of socket screws more than 25 years ago.*

Although completed only recently, Holo-Krome's new Research and Development Division is already being staffed by a highly-skilled corps of physicists, electronics engineers and machine designers.

*United States Patents 1,978,371 and 1,978,372



HOLO-KROME

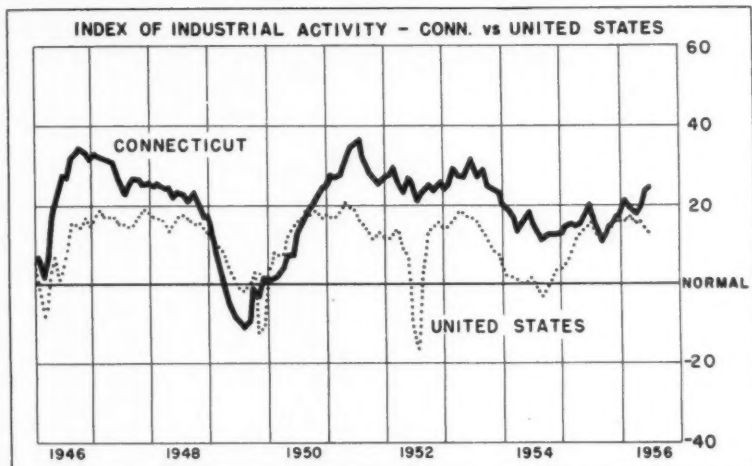
THE HOLO-KROME SCREW CORPORATION, HARTFORD 10, CONN., U. S. A.



BUSINESS PATTERN

A comprehensive summary of the ups and downs of industrial activity in Connecticut for the thirty day period ending on the 15th day of the second previous month.

State Business Highest Since Late '53



REFLECTING the good conditions existing in Connecticut during June, the business index rose moderately. Aircraft manufacturing and construction activity continue to show growing strength in the State.

One weak area though, is a continued decline in the average workweek of those employed. If not checked, this could lead to less income, less spending, and ultimately to less production in the months to come.

Although not affected too much by the national problems in the steel and auto industries, overall current developments suggest that the Connecticut economy will soften somewhat during the 3rd quarter.

Insurance Sales Strong

Sales of new ordinary life insurance to residents of Connecticut continue above the U.S. level. This is one reflection of the general prosperity in the State at the present time.

Connecticut sales continued upward after a 1st quarter pause. Meanwhile, the United States more than recovered

from a first quarter dip.

Employment Rises

Total non-farm employment in the State moved forward to a new June high of some 899,000. With the non-

manufacturing rise outdoing the manufacturing almost 5 to 1, the State was carried to its fourth consecutive month of increased employment.

All the industries composing the non-manufacturing segment bettered their May levels. In manufacturing, substantial gains were made by the fast growing aircraft industry. Employment there is up 3% over May, and 15% over June 1955.

Bank Debits Climb

Another indicator of business conditions is the amount of money being spent.

The Federal Reserve reports that bank debits to checking accounts in Connecticut in the 2nd quarter reached an all-time high of nearly \$6 billion.

Unemployment Claims

Total June claims for unemployment in Connecticut showed the expected increases. However, 62 of each 100 claimants were women. This ratio, a 3 year high, was due largely to vacation shutdowns and layoffs in the garment, clock, and rubber industries which hire a considerable number of females. In contrast, male unemployment claims continued their downward trend.

Factory Earnings Down

One weak spot in Connecticut's economy is that of factory earnings. With a shorter workweek the average weekly earnings are down over \$3 since December 1955. Meanwhile the average U.S. factory paycheck has remained fairly stable, being down only thirty cents.

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WHY WE LITHOGRAPH MANIFOLD FORMS

Lithography, which basically is the photographic reproduction of forms, has eliminated the old methods of type setting, metal rules and the need for expensive halftones and plates. The resulting lithographed stationery, produced on fast offset lithograph presses, surpasses in appearance and performance similar forms produced on slower letterpress equipment. In addition to these advantages lithography makes it possible to utilize design and art work to the full advantage of the customers without added cost.

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Charles H. Walters, President





KEEPS TABS ON TUBES — Peltier's job as Thread Carrier and Distributor in American Thread's Shuttle Bobbin Department keeps him on his toes furnishing winding tubes and other materials to the operators of the winding machines. He has been on the job steadily for the past six years.



ON THE JOB OFF THE JOB — After hours at the plant, Peltier often puts on his uniform and goes to work for the city of Willimantic as an Auxiliary Policeman. He has been an auxiliary policeman for the past 6 years, was an air raid warden for four.

THE PEOPLE BEHIND the PRODUCTS *At American Thread*

A Company's success is largely determined by the ability of the men and women who make up the organization. American Thread has been a successful member of the Willimantic Community for 58 years, which is certainly a testimonial both to our employees and the products they make.

During this time the Company and the people on its payroll have made every effort to be good citizens—contributing to and participating in the city's growth. This series introduces some of the Willimantic citizens who help make the thread and yarn products which are among the finest made anywhere in the world.

DID YOU KNOW? *American Thread employees put more than \$5,677,000 in circulation last year at Willimantic and neighboring communities. This payroll at the Company's Willimantic Plant is almost 25 per cent of all wages paid in the community during 1955, exclusive of government and non-profit organizations.*



EDMUND P. PELTIER — Fifty-one years old, Peltier is the son of Elizabeth and Edmund Peltier, Sr. His father worked for American Thread as a spinner in the Cotton Spinning Department between 1919 and 1925.



PELTIER AND NEPHEWS — Peltier and his two nephews, Rickie and Mickie, in the living room of his home. Peltier lives with his Mother at 920 Rear Main Street in Willimantic.



THE AMERICAN
Thread COMPANY

WILLIMANTIC, CONNECTICUT

ACCOUNTING HINTS

Contributed by the Hartford Chapter National Association of Cost Accountants to stimulate the use of better accounting techniques in industry.

Is Direct Labor Adequate as a Base for Overhead Distribution?

By LAWRENCE P. WEBSTER*

THE principal components of the manufactured cost of a product are direct or prime costs and indirect manufacturing expenses. The direct costs are usually associated with and are readily traceable to the product. Because a portion of these direct costs can be held in inventory and used at a future date—materials—and another portion must be used simultaneously when acquired—labor—the direct costs are broken up into two components, direct material and direct labor. These costs vary directly with production—the higher the activity the more the cost.

Indirect manufacturing expenses are also referred to as overhead, factory burden, factory service, and similar titles. These costs arise as a result of

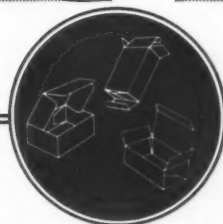
*Associate Professor of Accounting, University of Connecticut.

providing the workers with a place to work, the tools with which to work and an organization to coordinate the various activities of the factory. Some of these costs vary directly with manufacturing activity and, hence, are variable costs, but many are period costs which are incurred whether or not there is any production and are proportional to the passage of a period of time. Among these latter costs are depreciation, property taxes, and insurance. These indirect manufacturing expenses are assigned as costs to products manufactured based on some measure of productive activity in a plant. The usual method of allocating or assigning these costs to the product is to relate the indirect manufacturing expenses to the direct labor cost in a plant and assign the indirect manu-

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INDUSTRIAL INSTALLATION, APPLICATION, MAINTENANCE



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facturing expenses to products with the resulting loading rate. Let us assume that the indirect manufacturing expenses are \$5,000 for a month and the direct labor in the shop amounts to \$10,000. The resulting loading rate would be fifty per cent—\$5,000 divided by \$10,000. Translated, this means that in this particular shop for every dollar of direct labor that is traceable to a product that product will also be assigned an additional fifty per cent for the use of the shop. In reality, then, everytime a dollar of labor is charged to a product, it is automatically charged an additional fifty per cent of this labor cost. This rate, as an overall rate for the shop, would be excellent provided all the products manufactured used the tools proportionally and the direct labor component of the total cost was the same relative proportion for each product.

Where a group of heterogeneous products are manufactured, it is possible the direct labor component of total cost for some products may be higher than for other products manufactured in the same shop. When this happens, there is a great danger of assigning too much cost to the products with the high labor component and not enough of the indirect manufacturing expense to the products with a low component of direct labor.

This may be explained with the following illustration. A company manufactures two products, A and B. A is a product that requires much manual labor and B is a product with relatively little manual labor, but has some expensive automatic machines that are not used to make A. In the past, a single overhead loading rate has been used in the plant based on direct labor cost. The effect has been to transfer costs incurred for product B to product A and to lead management to believe product B is more profitable than it really is while at the same time leading the same people to believe that product A is not as profitable as it really is.

Listed below are the expenses incurred specifically to manufacture each product and the result of assigning these costs to the products using a single overhead loading rate.

	Product A	Product B	Factory Total
Overhead contributed	\$2,000	\$3,000	\$ 5,000
Direct Labor	\$7,000	\$3,000	\$10,000
Single loading rate	-	-	50%

Overhead assigned to products using single rate of 50%	50% of \$7,000	50% of \$3,000	50% of \$10,000
Costs overstated	\$1,500		
Costs understated		\$1,500	

It should be noted that with the use of a single loading rate based on direct labor cost that \$1,500 of costs are assigned from product B to product A with the result that management may believe that the profit margins on product B are so satisfactory that in a competitive market it may be possible to reduce the selling price of this product. On the other hand, management may want to give up product A because of a lack of margin. It can be seen that the product cost of both A and B are both in error and there is danger of this unit costing itself out of business by using generally acceptable techniques. The solution to this problem would be to use a more acceptable base other than the direct labor dollar, such as machine hours or set up departmental rates so that products are charged only with the costs of facilities used to manufacture them.

Skills For Sale

(Continued from page 7)

ample, were impossible to find. Because it was a new process, trained people just were not available. Almost every new man hired, therefore, had to be trained by the company.

Use of photoengraved cylinders expanded rapidly during the middle and late thirties. From the first use of Chambers-Storck rolls for printing oil-cloth, many new applications developed, including the printing of labels, some textiles, cellophane wrappers, specialty papers, and many others. Within a few years the company had made substantial strides.

Then the hurricane of 1938 struck. The plant and its equipment were all but wiped out. With Herculean effort and faith in the basic soundness of the business, the buildings and equipment were replaced and the company was operating again in a matter of months.

Chambers-Storck was again just getting a strong foothold in the industry when World War II broke out. Almost immediately two major problems arose: Copper, the company's basic material, became practically unavailable, and the draft hit the company

hard. Since Chambers-Storck was a new industry whose employees were predominately young men being trained in the engraving crafts, approximately 80% of their work force entered the armed forces.

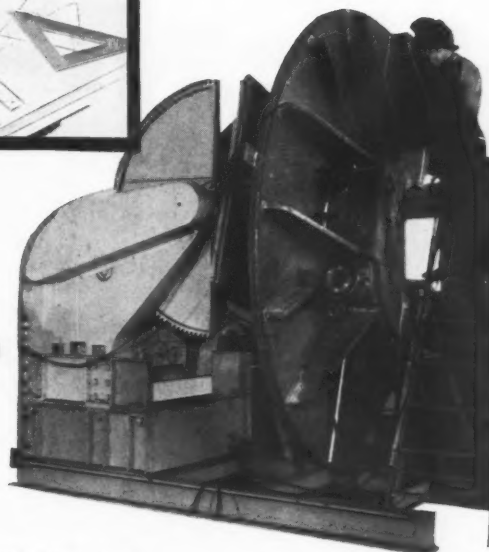
As its contribution to the war effort, the company set up a machine shop to make small parts on a sub-contract basis. Throughout the World War II period the company produced high-

priority radar parts and assemblies.

At the end of the war, with the company's men returning from service and materials again available, re-conversion to civilian production was accomplished as quickly as possible. Because of the shortage of most domestic items which had developed during the war years, there was substantial demand for the company's services in engraving rolls.



the brains . . .



the brawn

Quality weldment manufacture is a careful blend of seasoned, skilled personnel possessing ingenuity and pride of craftsmanship . . . plus the physical equipment to do the job.

You are invited to inspect our plant, to meet our people . . . and to study the weldments we are now producing. This is the most satisfactory way we know of "selling" the services offered by . . .



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CAMBRIDGE, MASSACHUSETTS

QUALIFIED WELDERS A.S.M.E. — A.B.S. — NATIONAL BOARD
CERTIFICATION — HARTFORD STEAM BOILER INSPECTION

Since the war, the increasing use of plastic sheeting in the manufacture of draperies, shower curtains, table cloths and artificial leathers has played a major part in the company's growth. Today, the engraving of cylinders to print items of this type represents 60% to 70% of the company's business.

Having successfully weathered the adversities which beset any young industry—plus some unusual problems

peculiar to the unsettled times—Chambers-Storck now stands on solid ground, a leader in a new and growing industry.

The good-natured, cooperative manner of the skilled craftsmen who staff the plant attests eloquently to their pride of workmanship—provides obvious evidence of the ample opportunity present to exhibit their skills. The satisfaction of being part of a team

that has a reputation as one of the top-quality engraving houses in the industry is apparent even to the casual observer.

A visit to the office of Leon Chambers, treasurer and manager of the company, further explains the progressive, "on-the-move" atmosphere which pervades the entire organization. No ivory tower executive, Chambers is a dynamic "get-things-done" type of person.

Respected by his employees because they realize he has the experience to handle any job in the plant, he makes a point of keeping his desk work at a minimum. Much of his time which might otherwise be consumed in paper work is therefore spent out in the field, contacting customers and prospective customers, making sure he knows the pulse of his company's life-line—sales and service.

With a solid core of trained, experienced craftsmen and plant facilities unexcelled in the engraving industry, the company looks optimistically to the future, confident of being able to maintain and enhance its reputation as one of the top quality engraving houses in the country.

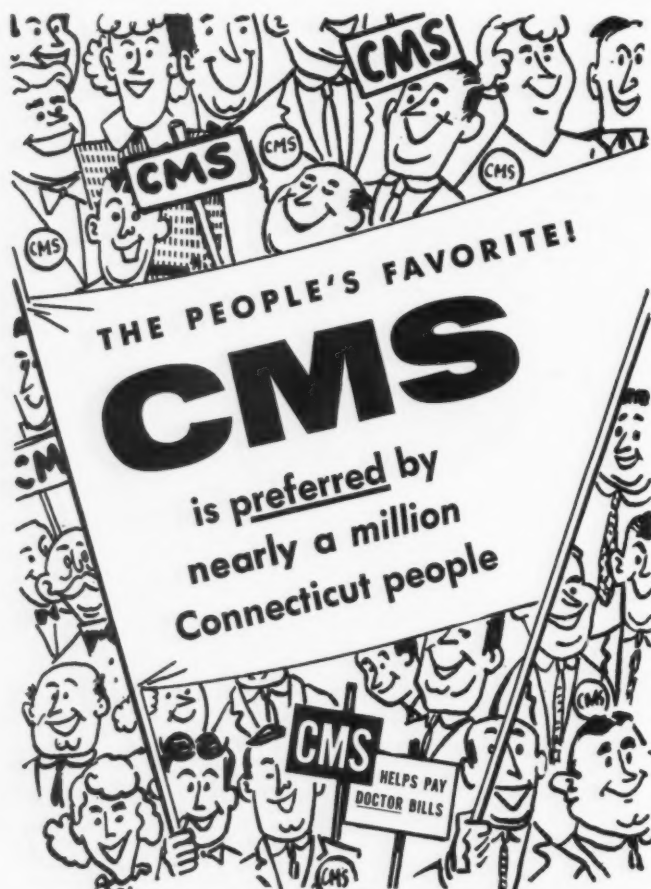
I'm Fed Up With Union Bossism

(Continued from page 16)

dictatorial methods, its wage-levelling, its monopoly, and its incentive-killing G.A.W. scheme. What do you get? The first big step toward socialism, and a kind of union bossism that's hard for any self respecting American to accept.

But don't get me wrong. I went to work when I was 17, and have carried a union card since the third day on the job. Man and boy, I've been a working man and a union man most of my life. Chances are, I'll be one till the day I die. More than that, that's what my father was before me.

Through the years I've seen the unions do a lot of good. But it's high time they began to clean house and get rid of their abuses. Like any other organization, unions have a responsibility—to their members and to all the other citizens—to help keep alive the principles of liberty and individualism, including personal initiative and self-reliance. It is these principles, which are now so much in danger, that have made us the freest and most prosperous people on the face of the earth.



Here's how YOU can join CMS*

Special Individual Enrollment

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Group Enrollment

* If you do work for a firm with ten or more employees, you may join regardless of age. Ask your employer!



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Flexibility in Automation with Adjustable Speed Drives

The concept of automation has taken the country by storm. This term implies continuous automatic production. One of its most important aspects is the automatic transfer of a product from one spot where work is done on it to another point where another operation is performed. This transfer, as well as the moving of the product during each operation, often can be accomplished most satisfactorily with adjustable speed electric drives. Today assembly line conveyors can be powered by one or more of an ever-increasing number of types of adjustable speed drives.

Why Is Adjustable Speed Required?

Production conveyors may be convertible to handle a variety of products. The optimum rate of movement differs from article to article. It is desirable to run the line as fast as possible to obtain maximum output. Yet the speed cannot exceed the rate of supply of components. Neither can it be allowed to jeopardize the quality of workmanship. The line should be able to run at the exact top limit for each type of product to achieve top production consistent with quality workmanship and minimum rejects. The relationship of these to profit is obvious.

Machining Products In Motion

The product may be in motion while machining is taking place. For example, automobile transmission cases are milled, drilled, and reamed at successive stations. At each milling location the cases are advanced under the tool. Adjustable speed is needed on this transfer function for two important reasons.

First, there is an optimum speed during the cutting portion of the table movement which will simultaneously achieve good machining and best tool life. This speed is subject to change for

different depths of cut, different tools and different material composition of the casting being worked on.

Secondly, after the machine cut is finished, the table must accelerate to a maximum velocity to deliver the casting rapidly to the next station. Here the table must be quickly brought to rest. When the casting is removed, the table must be reversed and returned at a high traverse speed back to the starting point to pick up a new transmission case. Several levels of table speed must be achieved by the electric drive during a single cycle of operation.

Vertical Movement

Things in a plant must be moved up and down as well as horizontally. Heavier loads must be handled with more care, that is, at lower speed, and both heavy and light loads must be spotted at creeping speed. Even a multi-story building can be made as efficient as a single-story structure with a properly engineered materials handling system.

Examples of Variable Speed Operation

The rate of moving material can be used as a means of measuring its quantity. Applications of this principle include such diverse operations as the measuring of ingredients, the pumping of water at various rates for varying needs, the baking of biscuits as they pass through ovens, and the making of diazo print reproductions.

A most important field for adjustable speed drives is where various sections of a process which are separately motorized must be kept in step. Adjustable speed under automatic control can be employed to advantage with such varied equipment as sheet and multi-color printing presses, center driven winders that change speed continually as they roll and unroll paper, wire, or fabrics; and lathes and boring mills.

There are many basic needs for adjustable speed. (1) A production conveyor or a metal decorating press cannot run faster than the individual capabilities of the workmen. (2) Matching work must be done at a specific speed depending on the depth of cut, the type of cutting tool, and the material of the work in order to turn out a quality product and achieve long tool life. (3) Maximum speed should be provided for each portion of a machine cycle. As in the transfer machine and the shop crane, this calls for a series of different speed levels. (4) Material can be metered out at a certain rate by setting the proper speed on a conveyor or a pump. (5) Time of exposure of a product to heat or light can be set by its speed of travel. (6) Where several portions of a process must be coordinated, their individual speed must be set to keep in step; this can be done automatically. The attempt in all these cases is to get the job done as quickly as possible without impairing work quality.

Electric drives provide the answer to these problems. There is a complete family of electrical tools available to solve all sorts of speed adjustment problems. They stand ready to make their contribution to quality workmanship, low processing cost, and greater productivity.

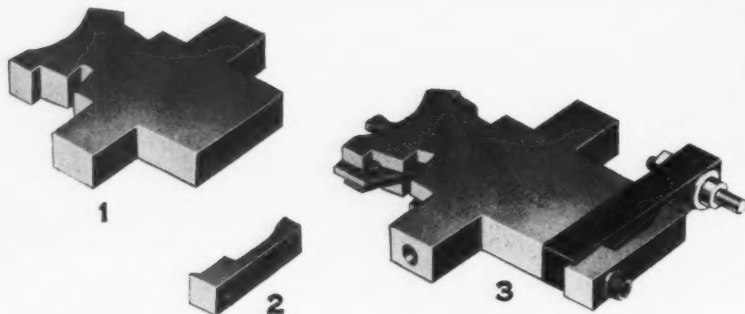
The First Step

The man to help you is the industrial sales engineer at your electric company. Let him assist you in your variable speed drive problems.

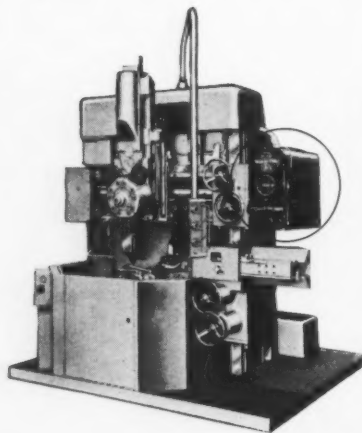
The Connecticut Light and Power Company, The Connecticut Power Company, The Hartford Electric Light Company, The Housatonic Public Service Company and The United Illuminating Company.

Bassick *News* Caster

Bassick Sintered Metal Parts effected real savings in MAN-AU-TROL conversion units



Shown above are two powder metal parts which Bassick makes for our good neighbor, The Bullard Company. The larger (1) is of sintered iron powder, and the smaller (2) is of sintered copper powder. They are assembled into a unit (3), which is one of the 49 function selector switches in Bullard's

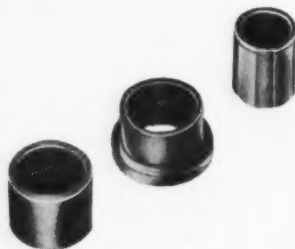


MAN-AU-TROL, an attachment for converting their Cut-Master Vertical Turret Lathe from a manually operated machine to a completely automatic production unit.

Prior to using Bassick completely formed sintered metal parts, Bullard form milled solid bars into the desired shapes and the individual parts were

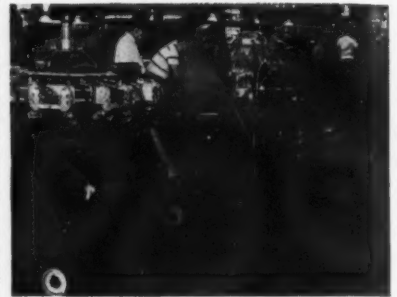
slit off. This machining proved to be a costly operation. Substantial cost savings have resulted since using sintered metal parts.

Perhaps you have a metal part which you are now machining, and on which you could effect some real savings by converting to powdered metal. The mechanical strength is comparable. Tolerances are held extremely close, and tensile strength, hardness, density, porosity and corrosion resistance can be controlled to requirements. In the case of bearings, they can be oil impregnated for self-lubrication. We are currently producing millions of these self-lubricating bearings for use in our own caster wheels.



For complete information, call or write the Powder Metal Division of The Bassick Company, or our sales agents in New England, The Metallurgical Products Company, 1199 Beacon Street, Boston, Massachusetts.

Production rolls

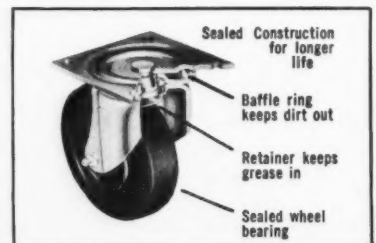


Engine stands on casters

Easy-rolling double wheel Bassick Casters on these roll-over engine build-up stands speed production in the final assembly area at this Stratford, Connecticut plant of the Lycoming Division of AVCO Manufacturing Corporation.

Picking a winner

Why do materials-handling experts use Bassick casters? In today's fast tempo you can't afford caster breakdown. You've got to have easy-rolling, easy-swivelling dependability. That's exactly what Bassick's sealed construction shown below gives you. And it virtually eliminates lubrication maintenance at the same time.



Perhaps these sealed casters could help work the kinks out of your materials-handling problem. Or maybe another Bassick design — our Floating Hub or grooved wheel casters, for example — might better meet your needs.

Bassick representatives and distributors can serve you quickly, with the dependability of leadership. The Bassick Company, Bridgeport 2, Conn.



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MAKING MORE KINDS OF CASTERS... MAKING CASTERS DO MORE

BUSINESS TIPS

from

School of Business Administration

University of Connecticut

Information For and About Connecticut Industry

By WILLIAM N. KINNARD, JR.

Assistant Professor of Finance
School of Business Administration
University of Connecticut

THE imminent publication of the results of the 1954 Censuses of Business, Manufacturing and Agriculture brings to mind the fact that great quantities of data about American business are constantly being gathered and disseminated. The most known and persistent agency in this fact-hunt is the United States government. But there are also many agencies, both governmental and private, which are actively assembling information. This information is often of great interest and use to businessmen, who unfortunately are not always aware of its existence.

A consideration of the nature and uses of some of the major ones, together with an indication of where other similar data might be found, should be of interest to almost every businessman in Connecticut. Even those who feel that they know all the sources of information that they use can from time to time profit from a reconsideration.

Census Information

The most basic information about industry in general is that gathered and published by the Bureau of the Census of the United States Department of Commerce. Not only the decennial population and housing censuses, but also the business, manufacturing and agricultural censuses, contain a mine of information for the businessman. For example, the population data provide information on population growth, income distribution, and age distribution of population. The manufacturer can determine better in what areas his product sales are most likely to be

best by reference to census data. Also, the employment status of the labor force and the various types of skills found therein are enumerated. This can be a most important determinant of plant or branch location decisions. The list of detailed information found in census of population and housing publications, and their uses, is almost endless. These are probably the most basic single sources of data.

A very close second, however, is the information provided in the Censuses of Business, Manufacturing and Agriculture. Briefly, they indicate the number of firms by detailed industrial breakdown, employment, wages paid, sales and value added for myriad areas in the United States. Comparisons are possible with previous censuses to provide trends. These data are the bench-

marks used in estimating employment, national income, and the like by the Department of Commerce. To know where and how important certain areas of activity are located, what their growth pattern is, where they are growing faster than the national average, can often be crucial to a businessman in mapping a sales campaign, or planning the location of a new plant or branch.

For those who find such detail unnecessary, or perhaps the effort of determining one's wants from such a plethora of data, there are condensations and adaptations. One of the most widely used is that prepared by the *Sales Management* organization in its annual survey of consumer markets and retail buying power. There data on economic activity of various sorts are combined for the evaluation of local retail markets throughout the United States. Similar presentations are made annually by the Standard Rate and Data Service, and by *Publisher and Editor*.

More detailed information about specific industries may be found in other Department of Commerce publications. The iron and steel industry, chemicals and rubber, textiles, and many other industries have their own specialized publications within the Department. In addition, special studies are made and published from time to time that concentrate on certain industrial groupings.

The most basic information, however, remains that published in the various Censuses. Data from the 1954 Censuses are just beginning to reach the general public. Any library will



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have a list of such results as have been published, together with the prices. Everything published may be purchased from the Superintendent of Documents at the United States Government Printing Office, Washington 25, D. C.

Not only the Department of Commerce publishes data of interest and use to businessmen, however. Technical information may be derived from the Agriculture Department, as well as economic data. The Labor Department, particularly through the Bureau of Labor Statistics, publishes data on wages, hours worked, employment, and unemployment. The Housing and Home Finance Agency makes available continuing series on construction, building costs and financing. And so it goes through the roll of federal agencies.

Where To Look

What can the businessman do who is in need of information? Quite aside from undertaking an investigation himself, he can contact several local sources in the State of Connecticut. These local sources can assist him in finding data published by federal agencies, and also to find studies made locally and privately as well. They are particularly

concerned with assisting Connecticut business and industry, and in making sure that insofar as possible it remains with Connecticut.

The Planning and Research staff of the Connecticut Development Commission is the most important local group. In addition to having most federal data and analyzing them as they pertain to Connecticut, the staff also gathers data from within Connecticut itself. More accurately, the staff usually assembles data gathered by a variety of agencies in the state. Annual population estimates, with an explanatory note on estimating technique, come from the Bureau of Vital Statistics of the Department of Health. Labor data, such as employment, wages, and unemployment, are received from the State Bureau of Labor Statistics. Retail sales data are available, to a degree, through the State Tax Department.

All of this information, and much more, is processed by the Development Commission staff, and economic series for Connecticut are developed from them. The resources and personnel of the staff are severely limited, but assistance is provided as far as is possible on individual requests.

Private Groups

Private groups are also most important in providing and helping to find data on economic activity in the State. The Connecticut Public Expenditures Council staff is an important source of such information. The utility companies, both electric and telephone, maintain research and economic staffs who are trained and ready to offer assistance within the areas of their operations. And the State and local Manufacturers' Associations' staffs should not be overlooked in this regard. They, too, have much valuable information, both statewide and regional.

Finally, the educational institutions of the state have trained professional personnel who can offer invaluable assistance to the businessman seeking necessary information.

This necessarily brief recital of sources of economic and technical data that the businessman in Connecticut might require has not even scratched the surface. Its purpose, however, has been to stimulate interest in the use of adequate data which is available, and to indicate where considerably more information might be found by any businessman really requiring and desiring it.

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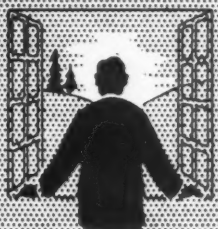
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PAUSE FOR REFLECTION



By JAMES C. INGEBRETSEN

IN the Supreme Court's recent, and shocking, ruling that only those Federal employees who hold "security jobs" can be dismissed as "security risks," it seems to me that dissenters Clark, Reed, and Minton are right when they say that "this (decision) might leave the Government honey-combed with subversive employees."

"... One never knows which job is sensitive. The janitor might prove to be in as important a spot security-wise as the top employee in the building."

It is impossible for me to follow the argument of the majority that a man who refused to answer charges that he associated closely with Communists is legally entitled to reinstatement as an employee of the United States Government.

This decision, coupled with the earlier repudiation by the Court of State anti-subversion laws, portends grave danger to our Republic.

★ ★ ★

Tito reportedly told a cheering crowd of Russians, on his recent visit to the U.S.S.R., that Yugoslavia and the Soviet Union "must march shoulder to shoulder toward the victory of Socialism."

A few days earlier Sen. Joseph McCarthy had introduced in the U.S. Senate a resolution to stop U.S. aid to Yugoslavia—which has been foolishly generous, to say the least. Asked about this resolution, Tito is said to have replied, "It is not important. . . . Our friendship with the United States will continue as before our trip here."

Well, perhaps Tito is right. At any rate, his confidence that Uncle Sam will continue to finance his march with the Soviet Union "shoulder to shoulder toward the victory of Socialism" should give every American pause. I, for one, believe that there should be an "agonizing reappraisal" of the situation to determine whether we are not, in this

case as in many others, paying for a march designed ultimately to trample us underfoot.

★ ★ ★

"I once heard it said that one of the characteristics of a planned economy is that it barks at the rich and bites the poor, and I think there is considerable justification in this description," says Roy Wenzlick in a recent issue of *The Real Estate Analyst*.

I agree. But much of the rest of what Mr. Wenzlick says, under the title "Freedom of Choice," seems inconsistent with his above-quoted statement.

He thinks it gratifying that there are now only six American automobile-making corporations instead of the scores there used to be, apparently believing it was simply legitimate competition that eliminated the defunct motor car builders. But in fact it was the taxes and regimentation incident to World War II and the rest of the New Deal era that killed many of them. And current government policies, in the main similar to those that have prevailed over the past quarter century, tend to continue the trend toward limitation of choice in the automobile market place—rather than lead toward greater "Freedom of Choice."

★ ★ ★

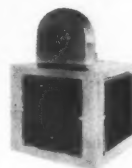
In his new book, "Sweden: The Welfare State," Wilfrid Fleisher says taxation and welfare benefits in Sweden now have arrived at a point of balance where "the average citizen has become aware that it is a matter of transferring money from one pocket to another and is asking himself whether he would not prefer to make the choice himself rather than have the government decide for him how the money is to be spent."

This, of course, is the central question to be answered in deciding for or against Socialism—for which "the welfare state" is simply a euphemism.

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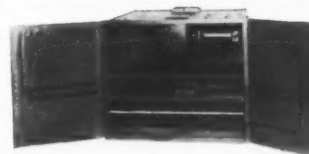
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There is, also, the corollary question as to whether it would not be better to keep all the money rather than have the government take out part of it in the process of transferring it "from one pocket to another."

In other words, Socialism is essentially a process of subtraction and division. Private capitalism and the free market rest on a process of addition and multiplication.

★ ★ ★

"An elderly man . . . caused chaos at Calgary's spring horse show and sale," according to a recent Canadian Press dispatch from Calgary, Alberta.

"The affable old boy . . . bid actively on many of the better animals.

"At the end of the day he . . . had . . . been top bidder on nineteen horses.

"Came the reckoning—the time to put up the cash . . . Cash? The old boy did not have a dime . . .

"All accounts . . . had to be revised and the nineteen horses . . . sent through the auction ring again."

When I read this, I was reminded of another "affable old boy" known as Uncle Sam who works about the

same sort of a deal—except, instead of a chaotic auction, it's called Social Security. He runs us nags through the ring once when he collects our Social Security taxes. But, come the time to pay off, he won't have a dime of this left, having long since thrown it to the winds while piling I.O.U. on top of I.O.U. in the cash box. (W. Rulon Williamson, for 10 years chief actuarial consultant for the Social Security Board, was quoted recently as saying that our present system is "bequeathing great liabilities instead of assets.") So back into the ring we'll be going again to raise the cash to make the Social Security checks good. Wonderful system this, eh, what? But a little hard on us horses.

Chore or Challenge?
Writing Effective Company
Histories

(Continued from page 12)

couldn't resist starting with a plug, "Long recognized as the leader . . ."

An interesting historical approach is used by a clock manufacturer whose founding date (1828) is emphasized by mentioning a few other important events that occurred that same year.

In another article we learn that a tannery was started by the descendants of a religious refugee. The president of another company opens an article with a quotation about current conditions. A housewife grasped the recession of the late thirties as an opportunity to introduce Pepperidge Farm bread.

Get the facts first . . . A word of caution may now be in order. If a good lead comes to mind without much effort, there is always the temptation to start writing before having completed detailed research on points such as those suggested by the work sheet. When that happens, the writer finds himself part way through his piece and lacking further ideas. He is completely "written out."

From that point on, he is likely to attempt to patch out the history, seeking for a bit of information here and a bit there, piecing them together with little semblance of continuity and still less of enthusiasm. That is the stage at which the job becomes a chore and is characterized by dull writing.

(Concluded on page 72)



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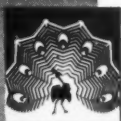
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EDITOR'S NOTE: This department, giving a partial list of peace-time products manufactured in Connecticut by company, seeks to facilitate contacts between prospective purchasers in domestic or foreign markets and producers. It includes only those listings purchased by Connecticut manufacturers. Interested buyers may secure further information by writing this department. Connecticut manufacturers desiring to list their products in this department should write the Editor for listing rates.

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Aircraft Components		Humason Mfg Co The	Forestville	Russell Mfg Co The	Middletown
Aircraft Welding & Mfg Co Inc	Hartford	J H Sessions & Son	Bristol	Bends—Pipe or Tube	
Aircraft Engine Timing Tools		Automatic Buffing & Polishing Machines		National Pipe Bending Co The	160 River St New Haven
Gabb Special Products Div E Horton & Son Company	Windsor Locks	Harper Buffing Machine Company The	East Hampton	Bicycle Coaster Brakes	
Aircraft Engines		Auto Cable Housing		New Departure Div General Motors Corp	Bristol
Lycoming Division Avco Manufacturing Corp	Stratford	Wiremold Company The	Hartford	Bicycle Sundries	
Aircraft Fasteners		Automatic Control Instruments		New Departure Div General Motors Corp	Bristol
Scovill Manufacturing Company (PANELOC Aircraft Fasteners)	Waterbury	Bristol Co The (temperature, pressure, flow, humidity, time)	Waterbury	Binders Board	
Aircraft Instruments		Automobile Accessories		Colonial Board Company	Manchester
Gorn Electric Company Inc	Stamford	Kilbourn-Sauer Company (lights and other accessories)	Fairfield	Blackening Salts for Metals	
Aircraft—Repair & Overhaul		Automotive Bodies		Enthone Inc	New Haven
Airport Department Pratt & Whitney Aircraft Division	Rentschler Field East Hartford	Metropolitan Body Company	Bridgeport	Mitchell-Bradford Chemical Co	Bridgeport
Aircraft Sheet Metal Work		Automotive Parts		Black Oxide Finishing	
Aero Form Co	New Haven	Bridgeport Thermostat Div	Robertshaw—Fulton Controls Co (automobile thermostats)	Black Oxide Inc	New Britain
Aircraft Test Equipment		Eis Manufacturing Co (Hydraulic and Mechanical)	Middletown	Black Oxide Treatment	
United Manufacturing Co Division of The W L Maxson Corp	Hamden	Raybestos Division of Raybestos-Manhattan Inc (Brake Lining, Lined Brake Shoes, Clutch Facings, Automatic Transmission Parts, Fan Belts, Radiator Hose and Miscellaneous Rubber)	Bridgeport	Bennett Metal Treating Co The	1045 New Britain Ave Elmwood
Alumilite Aluminum Sheets		Automotive & Service Station Equipment		Blades	
Leed Co The H A	Hamden	Scovill Manufacturing Company (Canned Oil Dispensers)	Waterbury 91	Capewell Manufacturing Company Metal Saw Division (hack saw and band saw)	Hartford
Aluminum Bronze Castings		Automotive Tools		Blocks	
Knapp Foundry Company Inc	Guilford	Eis Manufacturing Company	Middletown	Howard Company (cupola fire clay)	New Haven

I T ' S M A D E I N C O N N E C T I C U T

Blower Systems	
Colonial Blower Company	Plainville
Ripley Co	Middletown
Blower Wheels	
Torrington Manufacturing Company The	Torrington
Blueprints and Photostats	
Joseph Merritt & Co	Hartford
Boilers	
Bigelow Co The	New Haven
General Electric Company (Residential oil and gas fired steam and hot water)	Bridgeport
Bolts and Nuts	
Blake & Johnson Co The (nuts machine screw-bolts, stove)	Waterville
Clark Brothers Bolt Co	Milldale
Box Board	
Bird & Son Inc	New Britain
Federal Paper Board Co Inc	New Britain
Lyall & Foulds Paper Co The	New Haven & Versailles
Robertson Paper Box Co	Manchester
Gair Company Inc Robert	Montville
New Haven Board and Carton Co The	Montville
Boxes	
Bird & Son Inc (corrugated, solid fibre, cleated containers)	New Britain
Connecticut Container Corporation	New Haven
Gair Company Inc Robert (corrugated and solid fibre shipping containers)	Portland
Merriam Mfg Co (steel cash, bond, security, fitted tool and tackle boxes)	Durham
Middletown Mfg Co (metal)	Middletown
Warner Bros Co The (Acetate, Paper, Acetate and Paper Combinations, Counter Display, Setup)	Bridgeport
Boxes and Crates	
City Lumber Co of Bridgeport Inc The	Bridgeport
Boxes-Folding	
Leshine Carton Co	Branford
Boxes-Metal	
Merriam Mfg Co (Bond and Security, Cash and Utility, Personal Files and Drawer Safes)	Durham
Scovill Manufacturing Company (aluminum, brass, bronze, copper-cosmetic, drug, hair pin, ointment, pill, powder, rouge, vanity)	Waterville
Boxes-Paper-Folding	
Atlantic Carton Corp	Norwich
Bridgeport Paper Box Co	Bridgeport
Carpenter-Hayes Paper Box Co Inc	East Hampton
Curtis & Sons Inc S	Sandy Hook
Folding Cartons Incorporated (paper, folding)	Versailles
Gair Company Inc Robert	Montville
H J Mills Inc	Bristol
National Folding Box Co Div Federal Paper Board Co Inc (paper folding)	New Haven and Versailles
New Haven Board and Carton Co The	New Haven
Robertson Paper Box Co	Montville
Warner Bros Co The	Bridgeport
Boxes-Paper-Setup	
Box Shop Inc The	New Haven
Bridgeport Paper Box Co	Bridgeport
Heminway Corporation The	Waterville
H J Mills Inc	Bristol
Strouse Adler Company The	New Haven
Warner Bros Co The	Bridgeport
Braid-Elastic & Non-elastic	
Essex Mills Inc	Essex
Brake Cables	
Eis Manufacturing Co	Middletown
Brake Linings	
Raybestos Division of Raybestos-Manhattan Inc (Automotive and Industrial)	Bridgeport
Russell Mfg Co The	Middletown
Brake Service Parts	
Eis Manufacturing Co	Middletown
Brass & Bronze	
American Brass Co The (sheet, wire, rods, tubes)	Bristol
Bridgeport Brass Company (sheet, rod, wire and tubing)	Bridgeport
Bristol Brass Corp The (sheet, wire, rods)	Bristol
Chase Brass & Copper Co	Waterville
Miller Company The (phosphor bronze and brass in sheets, strips, rolls)	Meriden
Plume & Atwood Mfg Co The (sheet, wire, rod)	Thomaston
Scovill Manufacturing Company	Waterville 91
Seymour Mfg Co The (strip, sheet & wire)	Seymour
Tinsheet Metals Co The (sheets and rolls)	Waterville
Western Brass Mills Division of Olin Industries Inc (sheet, strip)	New Haven
Brass & Bronze Ingot Metal	
Mitchell Smelting & Refining Co Inc	Botsford
Plume & Atwood Mfg Co The	Thomaston
Whipple and Choate Company The	Bridgeport
Brass, Bronze, Aluminum Castings	
Charles Parker Company The	Meriden
Victors Brass Foundry Inc	Guilford
Brass Goods	
American Brass Company The	Waterville
Plume & Atwood Mfg Co The (to order)	Waterville
Rostand Mfg Co The (Ecclesiastical Brass Wares)	Milford
Scovill Manufacturing Company (to order)	Waterville 91
Western Brass Mills Div Olin Mathieson Chemical Corp	New Haven
Brass Mill Products	
American Brass Company The	Waterville
Bridgeport Brass Co	Bridgeport
Chase Brass & Copper Co	Waterville
Plume & Atwood Mfg Co The	Thomaston
Scovill Manufacturing Company	Waterville 91
Western Brass Mills Div Olin Mathieson Chemical Corp	New Haven
Breathing Equipment	
Cycle-Flo Company The	Milford
Brick-Building	
Donnelly Brick Co The	New Britain
Bricks-Fire	
Howard Company	New Haven
Mullite Refractories Co The	Shelton
Bright Wire Goods	
Sargent & Company (Screw Eyes, Screw Hooks, Cup Hooks, Hooks and Eyes, C H Hooks)	New Haven
Broaching	
Hartford Special Machinery Co The	Hartford
Bronze & Aluminum Castings	
Charles Parker Co	Meriden
Knapp Foundry Company Inc (rough or machined)	Guilford
Bronze Sand Castings	
Bridgeport Deoxidized Bronze Corp	Bridgeport
Brooms-Brushes	
Fuller Brush Co The	Hartford
Buckles	
B Schwanda & Sons	Staffordville
G E Prentice Mfg Co The	Kensington
Hawie Mfg Co The	Bridgeport
North & Judd Manufacturing Co	New Britain
Patent Button Co The	Waterville
Risdon Manufacturing Co John M	Russell Div Naugatuck
Buffing & Polishing Compositions	
Apothecaries Hall Co	Waterville
Lea Mfg Co	Waterville
Burners	
Plume & Atwood Mfg Co The (kerosene oil lighting)	Thomaston
Burners-Automatic	
Peabody Engineering Corporation	Stamford
Burners-Coal and Oil	
Peabody Engineering Corporation (Combined)	Stamford
Burners-Gas	
Peabody Engineering Corporation (Blast Furnace)	Stamford
Burners-Gas and Oil	
Peabody Engineering Corporation (Combined)	Stamford
Burners-Refinery	
Peabody Engineering Corporation (For Gas and Oil)	Stamford
Burnishing	
Abbott Ball Co The (Burnishing Barrells and Burnishing Media)	Hartford
Pioneer Steel Ball Company Inc (balls, cones, other metallic shapes)	Unionville
Burs	
Pratt & Whitney Co Inc	West Hartford
Busways	
Distribution Assemblies Department, General Electric Co	Plainville
Buttons	
B Schwanda & Sons	Staffordville
Frank Parizek Manufacturing Co The	Putnam
Patent Button Co The	Waterville
Scovill Manufacturing Company (Uniform and Tack Fasteners)	Waterville 91
Waterbury Companies Inc (Uniform and Fancy Dress)	Waterville
Cabinets	
Charles Parker Co The (medicine)	Meriden
Cabinet Work	
Hartford Builders Finish Co	Hartford
Cable-Asbestos Insulated	
Rockbestos Products Corp	New Haven
Cable-Interlocked Armor	
General Electric Company	Bridgeport
Cable-Nonmetallic Sheathed	
General Electric Company	Bridgeport
Cable-Service Entrance	
General Electric Company	Bridgeport
Cages	
Andrew B Hendryx Co The (bird and animal)	New Haven
Cams	
American Cam Company Inc	Hartford
Hartford Special Machinery Co The	Hartford
Rowbottom Machine Company Inc	Waterville
Canvas Products	
F B Skiff Inc	Hartford
Capacitors	
Electro Motive Mfg Co Inc The (mica & trimmer)	Willimantic
Carbide Drawing Dies	
State Products Co (eyelet special shape dies)	Oakville
Carbide Shape Dies	
Thomaston Tool & Die Co (any form)	Thomaston
Carbide Tools	
Precision Tool & Die Co	Waterville
Card Clothing	
Standard Card Clothing Co The (for textile mills)	Stafford Springs
Card Indexes	
Wassell Organization Inc	Westport
Carpenter's Tools	
Sargent & Company (Planes, Squares, Plumb Bobs, Bench Screws, Clamps and Saw Vices)	New Haven
Carpet	
B F Goodrich Sponge Products Division	Shelton
Carpet Cushion	
B F Goodrich Sponge Products Division	Shelton
Carpets and Rugs	
Bigelow-Sanford Carpet Co	Thompsonville
Casters	
Bassick Company The (Industrial and General)	Bridgeport
Casters-Industrial	
George P Clark Co	Windsor Locks
Castings	
Connecticut Foundry Co (grey iron)	Rocky Hill
Connecticut Malleable Castings Co (malleable iron castings)	New Haven
Charles Parker Company The (brass, bronze, aluminum)	Meriden
Ductile Iron Foundry Inc	Stamford
Eastern Malleable Iron Company The (malleable iron, metal and alloy)	Naugatuck
Farrel-Birmingham Company Inc (Mechanite, Nodular, Iron, Steel)	Ansonia
Hartford Electric Steel Corp The (stainless steel)	Hartford
Plainville Casting Company (gray, alloy and high tensile irons)	Plainville
Malleable Iron Fittings Co (malleable iron and steel)	Branford
McLagon Foundry Co (grey iron)	New Haven
Newton-New Haven Co (zinc and aluminum)	688 Third Ave West Haven
Philbrick-Booth & Spencer Inc (grey iron)	Hartford
Producto Machine Company The	Bridgeport
Scovill Manufacturing Company (Brass & Bronze)	Waterville 91
Turner & Seymour Mfg Co The (gray iron, semi steel and alloy)	Torrington
Union Mfg Co (grey iron & semi steel)	New Britain
Waterbury Foundry Company The (highway & sash weights)	Waterville
Wilcox Crittenden & Co Inc (gray iron and brass)	Middletown (Advt.)

I T ' S M A D E I N C O N N E C T I C U T

Castings—Investment		Coil Winding Machines		Copper Castings	
Arwood Precision Casting Corp	Groton	Boesch Mfg Co Inc	Danbury	Knapp Foundry Company Inc	Guilford
Cements—Refractory		Coils		Copper Sand Castings	
Mullite Refractory Co The	Shelton	Dano Electric Company	Winsted	Bridgeport Deoxidized Bronze Corp	Bridgeport
Centers		Coils—Electric		Copper Sheets	
Ready Tool Co The (anti friction, carbide tipped, high speed)	Bridgeport	Bittermann Electric Company	Canaan	American Brass Company The	Waterbury
Chain		Coils—Pipe or Tube		New Haven Copper Co The	Seymour
Risdon Manufacturing Co John M Russel Div	Naugatuck	National Pipe Bending Co The	160 River St New Haven	Copper Shingles	
Turner and Seymour Mfg Co The (weldless, sash, jack, safety, furnace, universal, lion and cable)	Torrington	Whitlock Manufacturing Co The	Hartford	New Haven Copper Co The	Seymour
Chain—Bead		Cold Molded Electrical Insulation		Copperware	
Auto-Swage Products Inc	Shelton	Meriden Molded Plastics	Meriden	Bridgeport Brass Company (cooking utensils)	Bridgeport
Bead Chain Mfg Co The	Bridgeport	Commercial Heat Treating		Copper Water Tube	
Chain—Power Transmission and Conveying		A F Holden Company The	52 Richard St West Haven	American Brass Company The	Waterbury
Whitney Chain Company	Hartford	Commercial Truck Bodies		Bridgeport Brass Co	Bridgeport
Chairs		Metropolitan Body Company	Bridgeport	Cords—Asbestos Insulated	
The Hitchcock Chair Company	Riverton	Compacts		General Electric Company	Bridgeport
Chemical Analysis		Scovill Manufacturing Company (powder and rouge)	Waterbury	Cords—Braided	
State Testing Laboratory	Bridgeport	Comparators		General Electric Company	Bridgeport
Chemical Manufacturing		Pratt & Whitney Co Inc (Electro-limit and Air-O-Limit)	West Hartford	Cords—Heater	
Carwin Company The	North Haven	Complete Plating Dept. Installations		Essex Mills Inc	Essex
Chemicals		Foy Electro-Chemical Co	Ansonia	General Electric Company	Bridgeport
Apothecaries Hall Co	Waterbury	Compressors		Cord Sets—Electric	
Carwin Company The	North Haven	Norwalk Company Inc (high pressure air and gas)	South Norwalk	General Electric Company	Bridgeport
Macalaster Bicknell Company	New Haven	Computers		Seeger-Williams Inc	Bridgeport
MacDermid Incorporated	Waterbury	Newton Co The (electronic)	Manchester	Cork Cots	
Naugatuck Chemical Division	United States	Reflectone Corporation The	Stamford	Sonoco Products Co (Climax-Lowell Div)	Mystic
Rubber Co	Naugatuck	Concrete Products		Correspondence Files	
New England Lime Company	Canaan	Plastricrete Corp	Hamden	Wassell Organization Inc	Westport
Prizer & Co Inc Chas	Groton	Condenser and Heat Exchanger Tubes		Corrugated Box Manufacturers	
Chemicals—Agriculture		Bridgeport Brass Company	Bridgeport	Connecticut Container Corporation	New Haven
Naugatuck Chemical Division (United States Rubber Co (insecticides, fungicides, weed killers))	Naugatuck	Scovill Manufacturing Company	Waterbury	Corrugated Containers Inc	Hartford
Christmas Light Clips		Cones		Corrugated Shipping Cases	
Foursome Manufacturing Co	Bristol	Sonoco Products Co (Climax-Lowell Div)	Mystic	Connecticut Container Corporation	New Haven
Chromium Plating		Consulting Engineers		Connecticut Corrugated Box Div Robert Gair Co Inc	Portland
Chromium Corp of America	Waterbury	McNeal J D (Electrical and Electronic)	New Haven	D L & D Container Corp 87 Shelton Ave	New Haven
Chromium Process Company The	Shelton	Stanley P Rockwell Co Inc The (Consulting)	Hartford	Cosmetic Containers	
City Plating Works Inc	Bridgeport	296 Homestead Ave	Hartford	Eyelet Specialty Co The	Waterbury
Chucks		Continuous Mill Gages		Plume & Atwood Mfg Co The (metal)	Thomaston
Cushman Chuck Co The	Hartford	Pratt & Whitney Co Inc	West Hartford	Scovill Manufacturing Company	Waterbury
Horton Chuck Div The E Horton & Son Company	Windsor Locks	Contract Machining		Cosmetics	
Jacobs Manufacturing Co The	West Hartford	Laurel Mfg Co Inc (Precision Production Small Parts)	Plainville	J B Williams Co The	Glastonbury
Union Manufacturing Company	New Britain	Malleable Iron Fittings Company	Branford	Cotton and Asbestos Wicking	
Chucks—Drill		Charles Parker Co	Meriden	Bland Burner Co The	Hartford
Jacobs Manufacturing Co The	West Hartford	Contract Manufacturers		Cotton Yarn	
Chucks & Face Plate Jaws		Fenn Mfg Co The (Precision Machine Work)	Newington	Floyd Cranska Co The	Moosup
Cushman Chuck Co The	Hartford	Greist Mfg Co The (metal parts and assemblies)	New Haven	Counting Devices	
Union Mfg Co	New Britain	503 Blake St	New Haven	Veeder-Root Inc	Hartford
Horton Chuck Div The E Horton & Son Company	Windsor Locks	Merriam Mfg Co (production runs—metal boxes and containers to specifications)	Durham	Couplings	
Chucks—Power Operated		Charles Parker Co (sheet metal fabricators)	Meriden	Scovill Manufacturing Company (hose and tube)	Waterbury
Cushman Chuck Co The	Hartford	Plume & Atwood Mfg Co The (metal parts and assemblies)	Thomaston	Couplings—Self-Sealing	
Union Manufacturing Company	New Britain	Scovill Manufacturing Company (metal parts and assemblies)	Waterbury 91	Sperry Products Inc	Danbury
Circuit Breakers		J H Sessions & Son	Bristol	Cranes and Conveyors	
Trumbull Components Department, General Electric Co	Plainville	Controllers		J-B Engineering Sales Co	New Haven
Circulating Pumps		Bristol Company The	Waterbury	Crushers	
Corley Co Inc The	Plainville	Manning Maxwell & Moore Inc	Stratford	Farrel-Birmingham Company Inc (Stone and Ore)	Ansonia
Clay		Controls—Remote		Cups—Paper	
Howard Company (Fire Howard "B" and High Temperature Dry)	New Haven	Panish Controls (Remote Controls for Marine & Aeronautic Applications)	Bridgeport	Continental Can Co Paper Container Div	Kensington
Cleaning Compounds		Converters DC to AC		Cushioning for Packaging	
Enthone Inc (Industrial)	New Haven	Electric Specialty Co	Stamford	B F Goodrich Sponge Products Division	Shelton
Foy Electro-Chemical Co (industrial)	Ansonia	Conveyor Systems		Gilman Brothers Co The	Gilman
Cleansing Compounds		Leeds Conveyor Mfg Co The	East Haven	Cut Stone	
MacDermid Incorporated	Waterbury	Production Equipment Co	Meriden	Dextone Co The	New Haven
Clock Mechanisms		Copper		Cutters	
Lux Clock Mfg Co The	Waterbury	American Brass Corp The (sheet, wire, rods, tubes)	Waterbury	Barnes Tool Company The (pipe cutters, hand)	New Haven
Clocks		Bridgeport Brass Company (sheet, rod, wire and tubing)	Bridgeport	Mitrametric Co The (ground pinion)	Torrington
E Ingraham Co The	Bristol	Bristol Brass Corp The (steel)	Bristol	Pratt & Whitney Co Inc (Milling Cutters all types)	West Hartford
Seth Thomas Clocks	Thomaston	Chase Brass & Copper Co (sheet, rod, wire tube)	Waterbury	Cutting & Creasing Rule	
United States Time Corporation The	Waterbury	Thinsheet Metals Co The (sheets and rolls)	Waterbury	Bartholomew Co H I	Bristol
Clocks—Alarm		Deep Hole Drilling & Reaming		Hamden Deep Hole Drilling Co	
Lux Clock Mfg Co The	Waterbury	Western Brass Mills Div Olin Mathieson Chemical Corp	New Haven	Wilson Arms Co The	Hartford (Advt.)
Clocks—Automatic Cooking					
Lux Clock Mfg Co The	Waterbury				
Clutches					
Snow-Nabstedt Gear Corp The	New Haven				
Clutch Facings					
Raybestos Division of Raybestos-Manhattan Inc (Molded, Woven, Semi-metallic and Full-metallic)	Bridgeport				
Russell Mfg Co The	Middletown				
Coatings					
Bischoff Chemical Corporation (Peelable Plastic Coatings)	Ivoryton				

I T ' S M A D E I N C O N N E C T I C U T

Deep Drawings		Draft Inductors		Electric Underfloor Duct System	
Stanley Pressed Metal	New Britain	Corley Co Inc The	Plainville	General Electric Company	Bridgeport
Delayed Action Mechanism		Drill Presses		Electric Wire	
M H Rhodes Inc	Hartford	Townsend Mfg Co The H P	Elmwood	General Electric Company	Bridgeport
R W Cramer Company Inc The	Centerbrook	Drilling Machines		Rockbestos Products Corp (asbestos insulated)	New Haven
Demineralizers		Howe & Faut Inc (Turret Type)	East Norwalk	Electric Wiring Devices	
Crystal Research Laboratories	Hartford	Pratt & Whitney Co Inc (Deep Hole)	West Hartford	Arrow-Hart & Hegeman Electric Co The	Hartford
Foy Electro-Chemical Co (industrial)	Ansonia	Drilling and Tapping Machinery		Pre-Fab Heating Co Inc	Guilford
Design and Development		Hartford Special Machinery Co The	Hartford	Electric Woven Heating Elements	
Sight Light Div The American & Machine & Foundry Co (electrical and electronic equipment)	Deep River	Drop Forgings		Electrical and Electronic Assemblies	
Development Work		Atwater Mfg Co	Plantsville	Sight Light Div The American Machine & Foundry Co	Deep River
Saybrook Manufacturing Inc	Old Saybrook	Billings & Spencer Co The	Hartford	Electrical Conduit Fittings & Grounding Specialties	
Diamonds—Industrial		Consolidated Industries	West Cheshire	Gillette-Vibber Company The	New London
Diamond Tool and Die Works	Hartford	Wilcox Crittenden & Co Inc	Middletown	Electrical Connectors	
Dictating Machines		Druggists' Rubber Sundries		Burndy Engineering Co Inc	Norwalk
Dictaphone Corporation	Bridgeport	Seamless Rubber Company The	New Haven	Electrical Control Apparatus	
Gray Manufacturing Company The	Hartford	Duplicating Machines—Automatic		Plainville Electrical Products Co The	Plainville
SoundScriber Corporation The	New Haven	Pratt & Whitney Co Inc	West Hartford	Electrical Goods	
Die Cast Dies		Duplicator Tables		A C Gilbert Co	New Haven
C & F Tool & Die Corp	Bridgeport	Regent Machine Co	Bridgeport	Electrical Motors	
Die Castings		Elastic Narrow Fabric		Electric Specialty Co	Stamford
Mt Vernon Die Casting Co	Stamford	Essex Mills Inc	Essex	U S Electrical Motors Inc	Milford
Newton-New Haven Co Inc	New Haven	Electric Cables		Electrical Recorders	
Die Casting Dies		General Electric Company (for residential, commercial and industrial applications)	Bridgeport	Bristol Co The	Waterbury
ABA Tool & Die Co	Manchester	Rockbestos Products Corp (asbestos insulated)	New Haven	Electrical Relays and Controls	
Eastern Machine Screw Corp The	Truman & Barclay Sts	Electric Clocks		Allied Control Co	Plantsville
Parker Stamp Works Co The	Hartford	Sessions Clock Co The (alarm, kitchen, occasional and office)	Forestville	Electrical Switchboards	
Weimann Bros Mfg Co The	Derby	Electric—Commutators & Segments		Plainville Electrical Products Co The	Plainville
Die Heads—Self Opening		Cameron Elec Mfg Co The (rewinding motors)	Ansonia	Electrical Test Equipment	
Eastern Machine Screw Corp The	New Haven	Electric Cord Springs		McNeal J D	New Haven
Geometric Tool Division, Greenfield Tap & Die Corp	New Haven	Bristol Spring Manufacturing Co	Plainville	Electrical Wiring Systems	
Die Polishing Machinery		Electric Cords		Wiremold Co The	Hartford
Hartford Special Machinery Co The	Hartford	General Electric Company	Bridgeport	Electronic Parts	
Die Sets		Rockbestos Products Corp (asbestos insulated)	New Haven	Terrville Manufacturing Co (Stampings to customer specifications)	Terryville
Pratt & Whitney Co Inc (Precision)	West Hartford	Electric Eye Control		Electronics	
Producto Machine Company The	Bridgeport	Ripley Company Inc	Middletown	Gray Manufacturing Company The	Hartford
Union Mfg Co (precision, steel and semi-steel)	New Britain	Electric Fixture Wire		McNeal J D	New Haven
Die Sinkers		General Electric Company	Bridgeport	Middletown Mfg Co (metal cabinets, chassis panels, brackets, cases)	Middletown
Pratt & Whitney Co Inc	West Hartford	Rockbestos Products Corp (asbestos insulated)	New Haven	Newton Co The	Manchester
Dies		Electric Hand Irons		Ripley Co	Middletown
Hoggson & Pettis Mfg Co The	141 Brewery St	Winsted Hardware Mfg Co (trade mark "Durable")	Winsted	Sturup Larabee & Warmers Inc	Middletown
Mitrametric Co The (ground for gears)	Torrington	Electric Heating Elements		Electroplating	
Parker Stamp Works Inc The (plastics and die castings)	Hartford	Hartford Element Co	Hartford	City Plating Works Inc	Bridgeport
Pratt & Whitney Co Inc (Monocoone and Ducone Dies)	West Hartford	Electric Ignition Harnesses		National Sherardizing & Machine Co	Hartford
Dies & Die Cutting		General Electric Company	Bridgeport	Waterbury Plating Company	Waterbury
Douglas Co Geo M	New Haven	Electric Insulation		Electroplating—Equipment & Supplies	
Dish Drying Machines		Case Brothers Inc	Manchester	Comco Inc Div of Enthone Inc	New Haven
Colt's Manufacturing Company	Hartford	Stevens Paper Mills Inc The	Windsor	Lea Manufacturing Co The	Waterbury
Dish Washing Machines		Electric Lighting Fixtures		MacDermid Incorporated	Waterbury
Colt's Manufacturing Company	Hartford	Fan-Craft Mfg Co (residential, church, post lanterns)	Plainville	Electroplating & Industrial Selenium Rectifiers	
Display Containers		Plume & Atwood Mfg Co The	Thomaston	Foy Electro Chemical Co	Ansonia
National Folding Box Co Div Federal Paper Board Co Inc (folding paperboard)	New Haven and Versailles	Wasley Products Inc	Plainville	Electroplating Processes & Supplies	
Displays—Metal		Electric Motor Controls		Enthone Inc	New Haven
Durham Mfg Co The (Designing & Mfg to customers' specifications)	Durham	Arrow-Hart & Hegeman Electric Co The	Hartford	United Chromium Incorporated	Waterbury
Merriam Mfg Co (Contract Work to Individual Specifications)	Durham	Electrical Outlet and Switch Boxes, and Covers		Electrotypes	
Parsons Co Inc W A (custom designed)		General Electric Company	Bridgeport	Barnum-Hayward Electrotype Co Inc	New Haven
Distribution Centers		Berger Sign Co	Hartford	Lockwood Sons Inc Wm H	Hartford
Distribution Electric Co	General Plainville	Electric Signs		New Haven Electrotype Div Electrographic Corp	New Haven
Door Closers		Electric Switches		Elevators	
Sargent & Company	New Haven	Arrow-Hart & Hegeman Electric Co The	Hartford	Eastern Elevator Co (passenger and freight)	New Haven
Yale & Towne Mfg Co The	Stamford	Electric Time Controls		General Elevator Service Co	Hartford
Doors		Cramer Controls Corporation The	Centerbrook	Enameling	
Bilco Co The (metal, residential and commercial)	West Hartford	Electric Timers		Waterbury Plating Company	Waterbury
Dowel Pins		Sessions Clock Co The	Forestville	Enamels & Lacquers	
Allen Manufacturing Co The	Hartford	Electric Timing Motors		Dobbs Chemical Co The (industrial finishes to customers' specifications)	New Haven
Holo-Krome Screw Corp The	West Hartford	Sessions Clock Co The (small)	Forestville	End Milling Cutters	
Drafting Accessories		Electric Underfloor Duct System		Pratt & Whitney Co Inc	West Hartford
Joseph Merritt & Co	Hartford	Electric Wire		Engines	
		Electric Woven Heating Elements		Pratt & Whitney Aircraft Div	United Aircraft
		Electrical and Electronic Assemblies		Corp (aircraft)	East Hartford
		Electrical Conduit Fittings & Grounding Specialties		Envelopes	
		Electrical Connectors		Curtis 1000 Inc	Hartford
		Electrical Control Apparatus		United States Envelope Company	Hartford
		Electrical Goods		Hartford Division	Hartford
		Electrical Motors		Envelopes—Stock and Special	
		Electrical Recorders		Continental Can Co Paper Container Div	Kensington
		Electrical Relays and Controls		Environmental Testing	
		Electrical Switchboards		State Testing Laboratory	Bridgeport
		Electrical Test Equipment			
		Electrical Wiring Systems			
		Electronic Parts			
		Electronics			
		Electric Cord Springs			
		Electric Cords			
		Electric Eye Control			
		Electric Fixture Wire			
		Electric Hand Irons			
		Electric Heating Elements			
		Electric Ignition Harnesses			
		Electric Insulation			
		Electric Lighting Fixtures			
		Electric Motor Controls			
		Electrical Outlet and Switch Boxes, and Covers			
		Electric Signs			
		Electric Switches			
		Electric Time Controls			
		Electric Timers			
		Electric Timing Motors			

Extractors—Tap			
Walton Company The	West Hartford		
Extruders and Accessories			
Standard Machinery Co The (for the Wire and Cable Mfrs)	Mystic		
Eyelets			
American Brass Company The	Waterbury		
Platt Bros & Co The P O Box 1030	Waterbury		
Plume & Atwood Mfg Co The	Thomaston		
Scovill Manufacturing Company	Waterbury 91		
Stevens Co Inc	Waterbury		
Waterbury Companies Inc	Waterbury		
Eyelets, Ferrules and Wiring Terminals			
American Brass Company The	Waterbury		
Waterbury Companies Inc	Waterbury		
Eyelet Machine Products			
American Brass Company The	Waterbury		
Ball & Socket Mfg Co The	West Cheshire		
Cold Forming Mfg Co The	Waterbury		
Plume & Atwood Mfg Co The	Thomaston		
Stevens Co Inc	Waterbury		
Waterbury Companies Inc	Waterbury		
Fabricators			
Scovill Manufacturing Company (aluminum, brass, bronze, copper, steel)	Waterbury		
Fan Blades			
Torrington Manufacturing Company The	Torrington		
Fancy Dress Buttons and Buckles			
Waterbury Companies Inc	Waterbury		
Fans—Electric			
General Electric Company	Bridgeport		
Fasteners—Aircraft			
Scovill Manufacturing Company (PANELOC Aircraft Fasteners)	Waterbury		
Fasteners—Laundry Proof			
Scovill Manufacturing Company (GRIPPER snap fasteners)	Waterbury		
Fasteners—Slide & Snap			
G E Prentice Mfg Co The	Kensington		
Scovill Manufacturing Company (GRIPPER zippers and GRIPPER snap fasteners)	Waterbury		
Federal Pre-Engineered Homes			
Federal Homes Corporation	Canaan		
Felt			
Auburn Manufacturing Company The (mechanical, cut parts)	Middletown		
Drycor Felt Company (paper makers and industrial)	Staffordville		
Felt—All Purpose			
American Felt Co (Mill & Cutting Plant)	Glenville		
Chas W House & Sons Inc (Mills & Cutting Plant)	Unionville		
Fenders—Boat			
B F Goodrich Sponge Products Division	Shelton		
Fiber-glass Fabrication			
Davis Co The E J	New Haven		
Fibre Board			
Bird & Son Inc	New Britain		
Case Brothers Inc	Manchester		
C H Norton Co The	North Westchester		
Stevens Paper Mills Inc The	Windsor		
File Cards			
Standard Card Clothing Co The	Stafford Springs		
Filing Equipment			
Wassell Organization Inc	Westport		
Films			
Cine-Video Productions Inc	Milford		
Finger Nail Clippers			
H C Cook Co The	32 Beaver St Ansonia		
Firearms			
Colt's Manufacturing Company	Hartford		
Junior Screw Machine Products Inc			
Marlin Firearms Co The	West Haven		
O F Mosberg & Sons Inc	New Haven		
Remington Arms Company Inc	Bridgeport		
Arms and Ammunition Div	Olin		
Chemical Corp	Mathieson		
Fire Hose			
Fabrics Fire Hose (municipal and industrial)	Sandy Hook		
Fireplace Goods			
American Windshield & Specialty Co The			
881 Boston Post Road	Milford		
John P Smith Co The (screens)	423-33 Chapel St		
Fireproof Floor Joists			
Dextone Co The	New Haven		
Fireworks			
M Bakes' Sons Inc	Wallingford		
Fishing Lures			
Dresser Products Inc	Canaan		
Fishing Tackle			
H C Cook Co The 32 Beaver St	Ansonia		
Flashlights			
Bridgeport Metal Goods Mfg Co	Bridgeport		
Electrical Div Olin Mathieson	Chemical Corp		
	New Haven		
Flat Springs			
Bristol Spring Manufacturing Co	Plainville		
Gemco Manufacturing Co Inc	Southington		
Flexible Shaft Machines			
Pratt & Whitney Co Inc	West Hartford		
Floor & Ceiling Plates			
Beaton & Cadwell Mfg Co The	New Britain		
Fluorescent Lighting Equipment			
Fullerton Manufacturing Corp	Norwalk		
Vanderman Manufacturing Co The	Willimantic		
Wiremold Company The	Hartford		
Foam Rubber			
B F Goodrich Sponge Products Division	Shelton		
Forgings			
Atwater Manufacturing Company	Plantsville		
Billings & Spencer Company	Hartford		
Capewell Manufacturing Company	Hartford		
Cawthra Bros Forge Co	Shelton		
Clark Brothers Bolt Co	Milldale		
Consolidated Industries Inc	West Cheshire		
Heppenstall Co (all kinds and shapes)			
Scovill Manufacturing Company	Bridgeport		
	(Non-ferrous)		
	Waterbury 91		
Foundries			
Connecticut Malleable Castings Co (malleable iron castings)	New Haven		
Ductile Iron Foundry Inc	Stratford		
Farrel-Birmingham Company Inc (Iron and Steel)	Ansonia		
Fritzell Foundry & Casting Co The	New Haven		
Hartford Electric Steel Corp The	Hartford		
Charles Parker Company The (brass, bronze, aluminum)	Meriden		
Plainville Casting Company (gray, alloy and high tensile irons)	Plainville		
Producto Machine Company The	Bridgeport		
Turner & Seymour Mfg Co The (gray, iron, semi steel and alloy)	Torrington		
Union Mfg Co (gray iron & semi steel)	New Britain		
Wilcox Crittenden & Co Inc (iron, brass, aluminum and bronze)	Middletown		
Fountain Pens and Mechanical Pencils			
Waterman Pen Company Inc	Seymour		
Foundry Riddles			
John P Smith Co The	423-33 Chapel St		
	New Haven		
Frames—Hack Saw			
Thompson & Son Co The Henry G.	New Haven		
Fuel Oil Pump and Heater Sets			
Peabody Engineering Corporation	Stamford		
Furnaces			
Norwalk Airconditioning Corp The (warm air oil fired)	South Norwalk		
Gage Blocks			
Pratt & Whitney Co Inc (Alloy steel and Carbide, Hoke and USA)	West Hartford		
Galvanizing			
Malleable Iron Fittings Co	Branford		
Wilcox Crittenden & Co Inc	Middletown		
Gaskets			
Auburn Manufacturing Company The (from all materials)	Middletown		
Raybestos Division of Raybestos-Manhattan Inc	Bridgeport		
Tsingris Die Cutting Corp (from all materials)	Waterbury		
Gaskets—Insulation			
American Felt Co	Glenville		
Gas Range Conversion Burner			
Holyoke Heater Corp of Conn Inc	Hartford		
Gas Scrubbers, Coolers and Absorbers			
Peabody Engineering Corporation	Stamford		
Gauges			
Bristol Co The (pressure and vacuum-recording automatic control)	Waterbury		
Helicoid Gage Division American Chain & Cable Co The (pressure and vacuum)	Bridgeport		
Manning Maxwell & Moore Inc	Stratford		
Pratt & Whitney Co Inc (Precision Measurement all types)	West Hartford		
Gears			
Mitrametric Co The (blanked fine pitch)	Torrington		
Gears and Gear Cutting			
Farrel-Birmingham Company Inc	Ansonia		
Fenn Mfg Co The	Newington		
Hartford Special Machinery Co The	Hartford		
Glass Blowing			
Macalaster Bicknell Company	New Haven		
Glass Cutters			
Fletcher-Terry Co The	Forestville		
Glass Machinery			
Tavano Mfg Co	Torrington		
Gold & Silver Plating			
Donham Craft Inc (on metals & plastics)	Thomaston		
Golf Equipment			
Horton Mfg Co The (clubs, shafts, balls, bags)	Bristol		
Greeting Cards			
A D Steinbach & Sons Inc	New Haven		
Grinding			
Farrel-Birmingham Company Inc (Roll and Cylindrical)	Ansonia		
Hartford Special Machinery Co The (gears, threads, cams and splines)	Hartford		
Horberg Grinding Industries Inc (Precision custom grinding; centerless, cylindrical, surfaces, internal and special)	19 Staples St Bridgeport		
Grinding Heads—Internal			
Pratt & Whitney Co Inc (Pneumatic, High Speed)	West Hartford		
Grinding Machines			
Farrel-Birmingham Company Inc (Roll)	Ansonia		
Pratt & Whitney Co Inc (Surface, Die, Gear and Cutter Grinders)	West Hartford		
Rowbottom Machine Company Inc (cam)	Waterbury		
Grommets			
American Brass Company The	Waterbury		
Plume & Atwood Mfg Co The	Waterbury		
Ground Rubber Rolls			
Saybrook Manufacturing Inc	Old Saybrook		
Guards for Machinery			
Wheeler Co The G E	New Haven		
Hack and Band Saw Blades			
Capewell Manufacturing Co The	Hartford		
Hair Hygiene Preparations			
Parker Herbox Corporation	Stamford		
Hammers—Carpenters and Machinists			
Capewell Manufacturing Company	Hartford		
Hand Tools			
Billings and Spencer Company (wrenches, sockets and shop tools)	Hartford		
Bridgeport Hdwe Mfg Corp The (nail pullers, scout axes, box opening tools, trowels, coping saws, putty knives)	Bridgeport		
Hardness Testers			
Wilson Mechanical Instrument Div	American, Bridgeport		
Chain & Cable Company Inc			
Hardware			
Bassick Company The (Automotive)	Bridgeport		
Harlock Products Corp	New Haven		
Sargent & Company	New Haven		
Wilcox Crittenden & Co Inc (marine heavy and industrial)	Middletown		
Yale & Towne Mfg Co The	Stamford		
Hardware—Marine & Bus			
Rostand Mfg Co The	Milford		
Hardware—Trailer Cabinet			
Excelsior Hardware Co The	Stamford		
Hardware, Trunk & Luggage			
Corbin Cabinet Lock Div American Hardware Corp	New Britain		
J H Sessions & Son	Bristol		
Yale & Towne Mfg Co The	Stamford		
Hat Machinery			
Doran Bros Inc	Danbury		
Health Surgical & Orthopedic Supports			
Berger Brothers Company The (custom made for back, breast, and abdomen)	New Haven		
Heat Elements			
Electroflex Heat Inc	Hartford		
Safeway Heat Elements Inc (woven wire resistance type)	Middletown		
Heat Exchangers			
Whitlock Manufacturing Co The	Hartford		
Heat Treating			
A F Holden Co The S2 Richard St	West Haven		
Bennett Metal Treating Co The	Elmwood		
1045 New Britain Ave	Bridgeport		
Commercial Metal Treating Co	Bridgeport		
New Britain-Gridley Machine Division	New Britain		
The New Britain Machine Co	New Britain		
Skene Co Inc The William A (metals)	Bridgeport		
Stanley P Rockwell Co Inc The			
296 Homestead Ave	Hartford (Advt.)		

IT'S MADE IN CONNECTICUT

Heat-Treating Equipment	
Autoyre Company The	Oakville
Barnes Co The Wallace Div Associated Spring Corp	Bristol
A F Holden Company The	52 Richard Street West Haven (Main Plant)
Bauer & Company Inc	Hartford
Rolock Inc (Retorts, Muffles, etc.)	Fairfield
Stanley P Rockwell Co Inc The (commercial)	296 Homestead Ave Hartford
Heat Treating Fixtures	
Rolock Inc (Trays, Baskets, etc.)	Fairfield
Wiretex Mfg Co Inc	Bridgeport
Heat Treating Salts and Compounds	
A F Holden Company The	52 Richard Street West Haven
Mitchell-Bradford Chemical Co	Bridgeport
Heaters—Electric	
General Electric Company	Bridgeport
Heating and Cooling Coils	
G & O Manufacturing Co	New Haven
Heating Elements	
Hartford Element Co	Hartford
Heavy Chemicals	
Naugatuck Chemical Division	United States Rubber Co (sulphuric, nitric and muriatic acids and aniline oil)
Hex-Socket Screws	
Bristol Company The	Waterbury
Holo-Krome Screw Corp The	West Hartford
High Frequency Alternators	
Electric Specialty Co	Stamford
Highway Guard Rail Hardware	
Malleable Iron Fittings Co	Branford
Hinges	
Homer D Bronson Company	Beacon Falls
Hobs and Hobbings	
ABA Tool & Die Co	Manchester
Parker Stamp Works Inc The	Hartford
Pratt & Whitney Co Inc (Die and Thread Milling)	West Hartford
Holsts	
J-B Engineering Sales Co	New Haven
Holsts and Trolleys	
Union Mfg Company	New Britain
Hose Fittings	
Don Mfg Co J M	Naugatuck
Scovill Manufacturing Company	Waterbury
Hose—Flexible Metallic	
American Brass Co	Waterbury
American Metal Hose Branch	Waterbury
Hose Supporter Trimmings	
Hawie Mfg Co The (So-Lo Grip Tabs)	Bridgeport
Hospital Signal Systems	
Connecticut Telephone & Electric Corp	Meriden
Hydraulic Brake Fluids	
Eis Manufacturing Co	Middletown
Hydraulic Controls	
Sperry Products Inc	Danbury
Hypodermic Needles	
Roehr Products Company	Waterbury
Ice Buckets	
B F Goodrich Sponge Products Division	Shelton
Inductors	
C G S Laboratories Inc	Stamford
Industrial Chemicals	
Foy Electro-Chemical Co	Ansonia
Industrial Chrome Plating	
Mirror Polishing & Buffing Co	Waterbury
Industrial Displays	
Sansone Co S Frederick (Designers Builders and Counselors)	Short Beach
Industrial Finishes	
Chemical Coatings Corporation	Rocky Hill
United Chromium Incorporated	Waterbury
Industrial Tools—Powder Actuated	
Remington Arms Company Inc	Bridgeport
Inhalators	
Cycle-Flo Company The	Milford
Inks	
Waterman Pen Company Inc	Seymour
Insecticides	
American Cyanamid Company	Waterbury
Instalment Payment Books	
Wassell Organization Inc	Westport
Insulated Wire & Cable	
Geneal Electric Company (for residential commercial and industrial applications)	Bridgeport
Kerite Company The	Seymour
Insulated Wire & Cable Machinery	
Davis Electric Company	Wallingford
Instruments	
Bristol Company The	Waterbury
J-B-T Instruments Inc (Electrical and Temperature)	New Haven
Manning Maxwell & Moore Inc	Stratford
Pratt & Whitney Co Inc (Precision Measuring)	West Hartford
Integrators	
Reflectone Corporation The	Stamford
Inter-Communications Equipment	
Connecticut Telephone & Electric Corp	Meriden
Interval Timers	
Lux Clock Manufacturing Company	Waterbury
Rhodes Inc M H	Hartford
Jacquard	
Case Brothers Inc	Manchester
Japanning	
J H Sessions & Son	Bristol
Jig Borer	
Moore Special Tool Co (Moore)	Bridgeport
Pratt & Whitney Co Inc	West Hartford
Jigs, Fixtures & Gages	
Federal Machine & Tool Co	Bristol
Jig Grinder	
Moore Special Tool Co (Moore)	Bridgeport
Keller Machines	
Pratt & Whitney Co Inc	West Hartford
Key Blanks	
Sargent & Company	New Haven
Yale & Towne Mfg Co The	Stamford
Labels	
J & J Cash Inc (Woven)	South Norwalk
Naugatuck Chemical Division	United States Rubber Co (for rubber articles)
Label Moisteners	
Better Packages Inc	Shelton
Laboratory Equipment	
Eastern Industries Inc	New Haven
Laboratory Supplies	
Macalaster Bicknell Company	New Haven
Laces	
American Fabrics Company The	Bridgeport
Wilcox Lace Corporation	Middletown
Laces and Nettings	
Wilcox Lace Corporation The	Middletown
Lacquers & Synthetic Enamels	
Chemical Coatings Corporation	Rocky Hill
I-Sis Chemicals Inc	Stamford
United Chromium Incorporated	Waterbury
Ladders	
A W Flint Co	196 Chapel St New Haven
Laminated Metal	
Bridgeport Brass Company	Bridgeport
Lamps	
Plume & Atwood Mfg Co The (metal oil)	Waterbury
Lampholders—Incandescent and Fluorescent	
General Electric Company	Bridgeport
Lamp Shades	
Verplex Company The	Essex
Lanterns—Battery Operated	
Electrical Div Olin Mathieson Chemical Corp	New Haven
Lathes—Contin-U-Matic	
Bullard Company, The (vertical multi-spindle-continuous turning type)	Bridgeport
Lathes—Man-Au-Trol	
Bullard Company The	Bridgeport
Lathes—Multi-Au-Matic	
Bullard Company The (vertical multi-spindle-indexing type)	Bridgeport
Lathes—Toolroom and Automatic	
Pratt & Whitney Co Inc	West Hartford
Lathes—Vertical Turret	
Bullard Company The (single spindle)	Bridgeport
Lead Plating	
Christie Plating Co The	Groton
Leather	
Norwich Leather Co	Norwich
Herman Roser & Sons Inc (Genuine Pigskin)	Glastonbury
Leather Dog Furnishings	
Andrew B Hendryx Co The	New Haven
The Smith-Worthington Saddlery Co	Hartford
Leather Goods Trimmings	
G E Prentice Mfg Co The	Kensington
Leather, Mechanical	
Auburn Manufacturing Company The (packings, cubs, washers, etc.)	Middletown
Letterheads	
Lehman Brothers Inc (designers, engravers, lithographers)	New Haven
Levels—Machinist's Precision	
Bullard Company The	Bridgeport
Light Assemblies	
Saybrook Manufacturing Inc	Old Saybrook
Lighting Accessories—Fluorescent	
General Electric Company	Bridgeport
Lighting Equipment	
Fullerton Manufacturing Corp	Norwalk
Miller Co The (Miller, Duplexalite, Meriden)	Ivanhoe
Lines—Braided	
Essex Mills Inc	Essex
Lime	
New England Lime Company	Canaan
Lipstick Cases	
Scovill Manufacturing Company	Waterbury
Lipstick Containers	
Bridgeport Metal Goods Mfg Co	Bridgeport
Plume & Atwood Manufacturing Co	Waterbury
Lithographers	
O'Toole & Sons Inc T	Stamford
Lithographing	
Kellogg & Bulkeley A Division of Connecticut Printers Inc	Hartford
Lehman Brothers Inc	New Haven
A D Steinbach & Sons	New Haven
Locks—Banks	
Yale & Towne Mfg Co The	Stamford
Locks—Builders	
Eagle Lock Co The	Terryville
Sargent & Company	New Haven
Yale & Towne Mfg Co The	Stamford
Locks—Cabinet	
Eagle Lock Co The	Terryville
Excelsior Hardware Co The	Stamford
Yale & Towne Mfg Co The	Stamford
Locks—Special Purpose	
Eagle Lock Co The	Terryville
Yale & Towne Mfg Co The	Stamford
Locks—Suitcase	
Eagle Lock Co The	Terryville
Locks—Suitcase and Trimmings	
Excelsior Hardware Co The	Stamford
Locks—Trunk	
Eagle Lock Co The	Terryville
Excelsior Hardware Co The	Stamford
Yale & Towne Mfg Co The	Stamford
Locks—Zipper	
Excelsior Hardware Co The	Stamford
Loom—Non-Metallic	
Wiremold Company The	Hartford
Lubricants—High Pressure	
Alpha Molykote Corp The	Stamford
Lubricants—Extreme Temperatures	
Alpha Molykote Corp The	Stamford
Lubricating System—Mist	
Thompson & Son Co The Henry G.	New Haven
Lumber & Millwork Products	
City Lumber Co of Bridgeport Inc	Bridgeport
Machetes	
Collins Company The	Collinsville
Machine Design	
Black Rock Mfg Company The	Bridgeport (Adv.)

I T ' S M A D E I N C O N N E C T I C U T

Machine Tool Designers		Machines—Forming		Metal Formings	
R & S Company	New Britain	A H Nilson Mach Co The (four-slide wire and ribbon stock)	Bridgeport	Master Engineering Company	West Cheshire
Machine Tools		Machines—Paper Ruling		Stanley Pressed Metal	New Britain
Bullard Company The	Bridgeport	John McAdams & Sons Inc	Norwalk	Metal Mouldings	
Farrel-Birmingham Company Inc	Ansonia	Machines—Pipe & Bolt Threading		Leed Co The H A	Hamden
Pratt & Whitney Co Inc	West Hartford	Capewell Mfg Co The	Hartford	Metal Novelties	
Producto Machine Company The	Bridgeport	Machines—Precision Boring		H C Cook Co The	32 Beaver St Ansonia
Machine Work		Machines—Precision Boring		Metal Parts Washing Machines	
Black Rock Mfg Company The	Bridgeport	New Britain-Gridley Machine Division		Foy Electro-Chemical Co	Ansonia
Farrel-Birmingham Company Inc	Ansonia	The New Britain Machine Co	New Britain	Metal Plating—Gold & Silver	
Fenn Manufacturing Company The (precision parts)	Newington	Machines—Rolling		Donham Craft Inc	Thomaston
Hartford Special Machinery Co The (contract work only)	Hartford	Fenn Manufacturing Company The	Newington	Metal Products—Stampings	
Joma Tool Co (small assemblies & parts)	Hartford	Machines—Slotting		American Brass Company The	Waterbury
National Sheradizing & Machine Co	Wolcott	Globe Tapping Machine Company The (High Production Screw Head Slotting)	Bridgeport	Plume & Atwood Manufacturing Co	Thomaston
Parker Stamp Works Inc The (Special)	Hartford	Waterbury Farrel Foundry & Machine Co The (screw head)	Waterbury	J H Sessions & Son	Bristol
Swan Tool & Machine Co The	Hartford	Machines—Spacing Table		Scovill Manufacturing Company (Made-to-Order)	Waterbury 91
Torrington Manufacturing Co The (special rolling mill machinery)	Torrington	Bullard Company The	Bridgeport	Stanley Pressed Metal	New Britain
Machinery		Machines—Special		Metal Specialties	
Fenn Manufacturing Company The (special)	Newington	Fenn Mfg Co The	Newington	Excelsior Hardware Co The	Stamford
Globe Tapping Machine Company (dial type drilling and tapping)	Bridgeport	Fuller Brush Co The	Hartford	Metal Spinning	
Hallden Machine Company The (mill)	Thomaston	Machines—Swaging		Moseley Metal Crafts Inc	West Hartford
Torrington Manufacturing Co The (mill)	Torrington	Fenn Manufacturing Company The	Newington	Metal Stampings	
Machinery—Automatic		Machines—Thread Rolling		A & B Metal Stamping Co Div	Hunt Mfg Co
Banthin Engineering Company (new and rebuilt)	Bridgeport	Hartford Special Machinery Co The	Hartford	American Brass Company The	Bridgeport
Machinery—Bolt and Nut		Waterbury Farrel Foundry & Machine Co The	Waterbury	Autoyre Co The (Small)	Waterbury
Waterbury Farrel Foundry & Machine Co The	Waterbury	Machines—Turks Head		Better Formed Metals Inc	Waterbury
Machinery—Cold Heading		Fenn Manufacturing Company The	Newington	DooVal Tool & Mfg Inc The	Naugatuck
Waterbury Farrel Foundry & Machine Co The	Waterbury	Machines—Wire Drawing		Excelsior Hardware Co The	Stamford
Machinery Dealers & Rebuilders		Fenn Manufacturing Company The	Newington	Greist Mfg Co The 503 Blake St	New Haven
Batwinik Brothers	New Haven	Manganese Bronze Ingot		H C Cook Co The	32 Beaver St Ansonia
J L Lucas and Son	Fairfield	Whipple and Choate Company	Bridgeport	Humason Mfg Co The	Forestville
State Machinery Co Inc	New Haven	Manicure Instruments		Joma Tool Co	Wolcott
Machinery—Extruding		W E Bassett Company The	Derby	Mohawk Mfg Co (threaded)	Middletown
Standard Machinery Co The	Mystic	Marine Engines		J A Otterbein Company The (metal fabrications)	Middletown
Machinery—Metal-Working		Kilborn-Sauer Company (running lights and searchlights)	Fairfield	J H Sessions & Son	Bristol
Fenn Mfg Co The	Newington	Lathrop Engine Co The	Mystic	Patent Button Co The	Waterbury
Waterbury Farrel Foundry & Machine Co The	Waterbury	Marine Equipment		G E Prentice Mfg Co The	Kensington
Pratt & Whitney Co Inc	West Hartford	Russell Manufacturing Company The (utility cord and accessory hardware)	Middletown	Plume & Atwood Mfg Co The	Thomaston
Machinery—Nut		Wilcox-Crittenden Div North & Judd Mfg Co	Middletown	Saling Manufacturing Company	Unionville
Waterbury Farrel Foundry & Machine Co The (forming and tapping)	Waterbury	Marine Reserve Gears		Stanley Pressed Metal	New Britain
Machinery—Screw and Rivet		Snow-Nabstedt Gear Corp The	New Haven	Swan Tool & Machine Co The	Hartford
Waterbury Farrel Foundry & Machine Co The	Waterbury	Marking Devices		Terryville Manufacturing Co	Terryville
Machinery—Wire Drawing		Hoggson & Pettie Mfg Co The	New Haven	Verplex Company The (Contract)	Essex
Fenn Mfg Co The	Newington	Parker Stamp Works Inc The (steel)	Hartford	Waterbury Lock & Specialty Co The	Milford
Waterbury Farrel Foundry & Machine Co The	Waterbury	Material Handling		Meters	
Machinery—Wire Straightening		Parsons Co Inc W A (tote pans)	Durham	Standard Meter Repair Co The	Shelton
Mettler Machine Tool Inc	New Haven	Mats—Newspaper		Meters—Gas	
Machines		Lockwood Sons Inc Wm H	Hartford	Sprague Meter Company	Bridgeport
Campbell Machine Div American Chain & Cable Co Inc (cutting & nibbling)	Bridgeport	Mattresses		Meters—Parking	
Coulter & McKenzie Machine Co The (special, new development engineering design and construction)	Bridgeport	Waterbury Mattress Co	Waterbury	Rhodes Inc M H	Hartford
Patent Button Company The	Waterbury	Metal Boxes		Microfilming	
Machines—Automatic		Parsons Co Inc W A (tool kits)	Durham	American Microfilming Service Company	New Haven
A H Nilson Mach Co The (Special)	Bridgeport	Metal Boxes and Displays		Milk Bottle Carriers	
Machines—Automatic Chucking		Durham Mfg Co The (Designing & Mfg to customers specifications)	Durham	John P Smith Co The	423-33 Chapel St New Haven
Bullard Company The	Bridgeport	Merriam Mfg Co (Bond, Security, Cash, Utility, Personal Files, Drawer Safes, Custombuilt containers and displays)	Durham	Mill Machinery	
New Britain-Gridley Machine Division		Middletown Mfg Co	Middletown	Torrington Manufacturing Company The	Torrington
The New Britain Machine Co (multiple spindle and double end)	New Britain	Charles Parker Co (sheet metal fabricators)	Meriden	Milling Machines	
Pratt & Whitney Co Inc (Potter & Johnson)	West Hartford	Metal Cleaners		Pratt & Whitney Co Inc (Keller Tracer—Controlled Milling Machines)	West Hartford
Machines—Brushing		Apothecaries Hall Co	Waterbury	Rowbottom Machine Company Inc (cam)	Waterbury
Fuller Brush Co The	Hartford	Enthone Inc	New Haven	Mill Products	
Machines—Contin-U-Matic		Foy Electro-Chemical Co	Ansonia	Scovill Manufacturing Company (aluminum, brass, bronze, nickel silver—sheet, rod, wire, tube)	Waterbury
Bullard Company The (vertical multi-spindle—continuous turning)	Bridgeport	MacDermid Incorporated	Waterbury	Mill Supplies	
Machines—Draw Benches		Metal Cleaning Machines		Wilcox-Crittenden Div North & Judd Mfg Co	Middletown
Fenn Manufacturing Company The	Newington	Colt's Manufacturing Company	Hartford	Millwork	
Machines—Forming		Metal Finishes		Hartford Builders Finish Co	Hartford
A H Nilson Mach Co The (four-slide wire and ribbon stock)	Bridgeport	Enthone Inc	New Haven	Miniature Precision Connectors	
Machines—Paper Ruling		Mitchell-Bradford Chemical Co	Bridgeport	Gorn Electric Co	Stamford
John McAdams & Sons Inc	Norwalk	United Chromium Incorporated	Waterbury	Minute Minders	
Machines—Pipe & Bolt Threading		Metal Finishing		Lux Clock Mfg Co The	Waterbury
Capewell Mfg Co The	Hartford	Hartford Industrial Finishing Co	Hartford	Mirror Rosettes and Hangers	
Machines—Precision Boring		National Sheradizing & Machine Co	Hartford	Waterbury Companies Inc	Waterbury
New Britain-Gridley Machine Division		Waterbury Plating Company	Waterbury	Mixing Equipment	
The New Britain Machine Co	New Britain	Metal Formings		Eastern Industries Inc	New Haven
Machines—Rolling		Metal Mouldings		Gabb Special Products Div The E Horton & Son Co	Windsor Locks
Fenn Manufacturing Company The	Newington	Metal Novelties		Mobile Radio	
Machines—Slotting		Metal Parts Washing Machines		Connecticut Telephone & Electric Corp	Meriden
Globe Tapping Machine Company The (High Production Screw Head Slotting)	Bridgeport	Metal Plating—Gold & Silver		(Advt.)	
Waterbury Farrel Foundry & Machine Co The (screw head)	Waterbury	Metal Products—Stampings			
Machines—Spacing Table		Metal Specialties			
Bullard Company The	Bridgeport	Metal Spinning			
Machines—Special		Metal Stampings			
Fenn Mfg Co The	Newington	Meters			
Fuller Brush Co The	Hartford	Meters—Gas			
Machines—Swaging		Meters—Parking			
Fenn Manufacturing Company The	Newington	Microfilming			
Machines—Thread Rolling		Milk Bottle Carriers			
Hartford Special Machinery Co The	Hartford	Mill Machinery			
Waterbury Farrel Foundry & Machine Co The	Waterbury	Milling Machines			
Machines—Turks Head		Mill Products			
Fenn Manufacturing Company The	Newington	Mill Supplies			
Machines—Wire Drawing		Millwork			
Fenn Manufacturing Company The	Newington	Miniature Precision Connectors			
Waterbury Farrel Foundry & Machine Co The	Waterbury	Minute Minders			
Manganese Bronze Ingot		Mirror Rosettes and Hangers			
Whipple and Choate Company	Bridgeport	Mixing Equipment			
Manicure Instruments		Mobile Radio			
W E Bassett Company The	Derby	Meters			
Marine Engines		Meters—Gas			
Kilborn-Sauer Company (running lights and searchlights)	Fairfield	Meters—Parking			
Lathrop Engine Co The	Mystic	Microfilming			
Marine Equipment		Milk Bottle Carriers			
Russell Manufacturing Company The (utility cord and accessory hardware)	Middletown	Mill Machinery			
Wilcox-Crittenden Div North & Judd Mfg Co	Middletown	Milling Machines			
Marine Reserve Gears		Mill Products			
Snow-Nabstedt Gear Corp The	New Haven	Mill Supplies			
Marking Devices		Millwork			
Hoggson & Pettie Mfg Co The	New Haven	Miniature Precision Connectors			
Parker Stamp Works Inc The (steel)	Hartford	Minute Minders			
Material Handling		Mirror Rosettes and Hangers			
Parsons Co Inc W A (tote pans)	Durham	Mixing Equipment			
Mats—Newspaper		Mobile Radio			
Lockwood Sons Inc Wm H	Hartford	Meters			
Mattresses		Meters—Gas			
Waterbury Mattress Co	Waterbury	Meters—Parking			
Metal Boxes		Microfilming			
Parsons Co Inc W A (tool kits)	Durham	Milk Bottle Carriers			
Metal Boxes and Displays		Mill Machinery			
Durham Mfg Co The (Designing & Mfg to customers specifications)	Durham	Milling Machines			
Merriam Mfg Co (Bond, Security, Cash, Utility, Personal Files, Drawer Safes, Custombuilt containers and displays)	Durham	Mill Products			
Middletown Mfg Co	Middletown	Mill Supplies			
Charles Parker Co (sheet metal fabricators)	Meriden	Millwork			
Metal Cleaners		Miniature Precision Connectors			
Apothecaries Hall Co	Waterbury	Minute Minders			
Enthone Inc	New Haven	Mirror Rosettes and Hangers			
Foy Electro-Chemical Co	Ansonia	Mixing Equipment			
MacDermid Incorporated	Waterbury	Mobile Radio			
Metal Cleaning Machines		Meters			
Colt's Manufacturing Company	Hartford	Meters—Gas			
Metal Finishes		Meters—Parking			
Enthone Inc	New Haven	Microfilming			
Mitchell-Bradford Chemical Co	Bridgeport	Milk Bottle Carriers			
United Chromium Incorporated	Waterbury	Mill Machinery			
Metal Finishing		Milling Machines			
Hartford Industrial Finishing Co	Hartford	Mill Products			
National Sheradizing & Machine Co	Hartford	Mill Supplies			
Waterbury Plating Company	Waterbury	Millwork			

I T ' S M A D E I N C O N N E C T I C U T

Model Work B & N Tool & Engineering Co (instruments and timing devices) Oakville		Otis Woven Awning Stripes The Falls Company Norwich		Pet Furnishings Andrew B Hendrix Co The New Haven	
Mops Fuller Brush Co The Hartford		Oven Brazing Sight Light Div The American Machine & Foundry Co Deep River		Phosphor Bronze American Brass Company The Waterbury Bridgeport Brass Company Bridgeport Miller Company The (sheets, strips, rolls) Meriden	
Motor Control Centers Distribution Assemblies Department, General Electric Co Plainville		Ovens—Electric Bauer & Company Inc Hartford		Phosphor Bronze Ingots Whipple and Choate Company The Bridgeport	
Motor—Generator Sets Electric Specialty Co Stamford		Overhead Garage Doors Wallingford Planing Mill Co Inc Yalesville		Photo Engraving Wilcox Photo Engraving Co Inc New Haven	
Motors—Electric Timing Cramer Controls Corporation The Centerbrook		Package Sealers Better Packages Inc Shelton		Photoflash Batteries Electrical Div Olin Mathieson Chemical Corp New Haven	
Motors—Synchronous Cramer Controls Corporation The Centerbrook		Packaging Machinery Colt's Manufacturing Company (box making machinery, Trade mark "Rite Size") Hartford		Photographic Equipment Electrical Div Olin Mathieson Chemical Corp New Haven Kalart Company Inc Plainville	
Moulded Plastic Products Butterfield Inc T F Naugatuck Colt's Manufacturing Company Hartford Patent Button Co The Waterbury Waterbury Companies Inc Waterbury Watertown Mfg Co The 117 Echo Lake Road Watertown		Packaging & Packing Mercer & Stewart Co The Hartford		Piano Repairs Pratt Read & Co Inc (keys and action) Ivoryton	
Mouldings Himmel Brothers Co The (architectural, metal and store front) Hamden		Packing Auburn Manufacturing Company The (leather, rubber, asbestos, fibre) Middletown Raybestos Division of Raybestos-Manhattan Inc (Asbestos and Rubber Sheet) Bridgeport		Piano Supplies Pratt Read & Co (keys and actions, backs, plates) Ivoryton	
Moulds ABA Tool & Die Co Manchester Hoggson & Pettis Mfg Co The (steel) 114 Brewery St New Haven Parker Stamp Works Inc The (compression injection & transfer for plastics) Hartford		Padilocks Sargent & Company New Haven Waterbury Lock & Specialty Co The Milford Yale & Towne Mfg Co Inc Stamford		Pins CEM Company ("Spiral") Danielson	
Napper Clothing Standard Card Clothing Co The (for textile mills) Stafford Springs		Pads—Office The Baker Goodyear Company New Haven		Pin Up Lamps Verplex Company The Essex	
Nettings Wilcox Lace Corp The Middletown		Paints and Enamels Staminate Corp The New Haven		Pipe American Brass Co The (brass and copper) Waterbury Bridgeport Brass Co (brass and Copper) Bridgeport Chase Brass & Copper Co (red brass and copper) Waterbury Howard Co (cement well and chimney) New Haven	
Newspaper Mats Lockwood Sons Inc Wm H Hartford		Panelboards—Lighting and Distribution Distribution Assemblies Department, General Electric Co Plainville		Pipe Fitters Hand Tools & Pipe Threading Machines Capewell Manufacturing Company Hartford	
Nickel Anodes Apothecaries Hall Co Waterbury		Panelyte Leed Co The H A Hamden		Pipe Fittings Corley Co Inc Plainville Malleable Iron Fittings Co Branford	
Nickel Silver American Brass Company The Waterbury Bridgeport Brass Company Bridgeport Plume & Atwood Mfg Co The Thomaston Seymour Mfg Co The Seymour Waterbury Rolling Mills Inc (sheets, strips, rolls) Waterbury Western Brass Mills Div Olin Mathieson Chemical Corp (sheet, strip) New Haven		Panta Moore Special Tool Co (crush wheel dresser) Bridgeport		Pipe Plugs Holo-Krome Screw Corporation The (counter-sunk) West Hartford	
Nickel Silver Ingot Whipple and Choate Company The Bridgeport		Paper Board Federal Paper Board Co Inc Montville, New Haven & Versailles Gair Company Inc Robert Montville Robertson Paper Box Co Montville New Haven Pulp and Board Co The New Haven		Pipe Plugs—Socketed Holo-Krome Screw Corp The West Hartford	
Night Latches Sargent & Company New Haven Yale & Towne Mfg Co Inc Stamford		Paper Box—Partitions American Rondo Corporation (specialty partitions) Hamden		Plastic Coatings Bischoff Chemical Corporation (Peelable Plastic Coatings) Ivoryton	
Non-ferrous Metal Castings Miller Company The Meriden Charles Parker Co Meriden		Paper Boxes Atlantic Carton Corp (folding) Norwich National Folding Box Co Div Federal Paper Board Co Inc (folding) New Haven & Versailles New Haven Board and Carton Co The New Haven Mills Inc H J Bristol Robertson Paper Box Co (folding) Montville		Plastic Bottles Plax Corporation Bloomfield	
Norge Pre-Cut Cottages Federal Homes Corporation Canaan		Paper Boxes—Folding and Setup Bridgeport Paper Box Company Bridgeport M Backes' Sons Inc Wallingford		Plastic Buttons Frank Parizek Manufacturing Co The West Willington Patent Button Co The Waterbury	
Nuts, Bolts and Washers Clark Brothers Bolt Co Milldale		Paper Clips H C Cook Co The (steel) 32 Beaver St Ansonia		Plastic Film & Sheet Materials Plax Corporation Bloomfield	
Office Equipment Pitney-Bowes Inc Stamford Underwood Corporation Bridgeport & Hartford Wassell Organization Inc Westport		Paper Mill Machinery Farrel-Birmingham Company Inc Ansonia		Plastic Gems Colt's Manufacturing Company Hartford	
Offset Printing Kellogg & Bulkeley A Division of Connecticut Printers Inc Hartford		Paper Tubes and Cores Sonoco Products Co (Climax-Lowell) Div Mystic		Plastic Lining Equipment Comco Inc Div of Enthone Inc New Haven	
Oil Burners Miller Company The (domestic) Meriden Peabody Engineering Corp (Mechanical and/or Steam Atomizer) Stamford Silent Glow Oil Burner Corp The 1477 Park St Hartford		Parachute Cord Essex Mills Inc Essex		Plastic Pipe and Fittings Comco Inc Div of Enthone Inc New Haven	
Oil Tanks Norwalk Tank Co The (550 to 30M gals, underwriters above and under ground) South Norwalk Whitlock Manufacturing Co The Hartford		Parallel Tubes Sonoco Products Co (Climax-Lowell) Div Mystic		Plastic Molders Plastic Molding Corporation Sandy Hook	
Oils—Cutting Anderson Oil Co Inc F E Portland		Parking Meters Rhodes Inc M H Hartford		Plastic Molding Butterfield Inc T F Naugatuck U S Plastic Molding Corporation Wallingford	
Open Knife Switches and Accessories Trumbull Components Department, General Electric Co Plainville		Parts Scovill Manufacturing Company (ammunition, electric instrument, electrical appliance, fountain pen, instrument, lighting fixture, orance, etc.—blanked, stamped, formed, drawn, re-drawn, forged, screw machined, headed, pointed, finished) Waterbury		Plastic—Moulders Colt's Manufacturing Company Hartford Conn Plastics Waterbury Waterbury Companies Inc Waterbury Watertown Mfg Co The Watertown	
Optical Cores & Ingots Plume & Atwood Mfg Co The Thomaston		Pattern-Makers Farrel-Birmingham Company Inc Ansonia		Plastic Printing Plates Lockwood Sons Inc Wm H Hartford	
		Penlights Bridgeport Metal Goods Mfg Co Bridgeport		Plastic Wire Coating Materials Electronic Rubber Co Stamford	
				Plastics B F Goodrich Sponge Products Division Shelton Humphrey Fabricating Corp (laminated, fabricated parts) Unionville Naugatuck Chemical Division Unitel States Naugatuck (Advt.)	

I T ' S M A D E I N C O N N E C T I C U T

Plastics Machinery	
Black Rock Mfg Company The	Bridgeport
Farrel-Birmingham Company Inc	Ansonia
Plastics Plated—Gold & Silver	
Donham Craft Inc	Thomaston
Plastics—Moulds & Dies	
Crown Tool & Die Co Inc	Bridgeport
Parker Stamp Works Inc The (for plastics)	Hartford
Plasticrete Bloc	
Plasticrete Corp	Hamden
Platers	
Acme Chromium Plating Co	New Haven
Christie Plating Co	Groton
City Plating Works	Bridgeport
Patent Button Co The	Waterbury
Water Plating Company	Waterbury
Chromium Process Company The (Chromium Plating only)	Derby
Platers' Equipment	
Apothecaries Hall Company	Waterbury
Comco Inc Div of Enthone Inc	New Haven
Foy Electro-Chemical Co	Ansonia
Lea Manufacturing Co The	Waterbury
MacDermid Incorporated	Waterbury
Platers Metal	
Plume & Atwood Mfg Co The	Thomaston
Plating	
Christie Plating Co The (including lead plating)	Groton
City Plating Works Inc	Bridgeport
Superior Plating Co	Bridgeport
Plating on Metals & Plastics	
Donham Craft Inc	Thomaston
Plating Processes and Supplies	
Enthone Inc	New Haven
United Chromium Incorporated	Waterbury
Plumbers' Brass Goods	
Bridgeport Brass Co	Bridgeport
Keeney Mfg Co The (special bends)	Newington
Scovill Manufacturing Company	Waterbury 48
Plumbing Specialties	
Risdon Manufacturing Co John M	Russell Div
	Naugatuck
Pole Line Hardware	
Malleable Iron Fittings Co	Branford
Police Equipment	
The Smith-Worthington Saddlery Co	Hartford
Polishing	
Mirror Polishing & Buffing Co	Waterbury
Polishing & Buffing	
General Polishing & Buffing	Bridgeport
Poly Chokes	
Poly Choke Company The (a shotgun choking device)	Tariffville
Postage Meters	
Pitney Bowes Inc	Stamford
Potentiometers—Electronic	
Bristol Company The	Waterbury
Precision Electronic Chassis	
Saybrook Manufacturing Inc	Old Saybrook
Precision Machine Tool Spindles	
Whitson Manufacturing Co (for milling, grinding, boring & drilling)	Farmington
Precision Manufacturing	
Newton Co The (aircraft parts)	Manchester
Precision Revolving Machinery	
Whitson Manufacturing Co	Farmington
Precision Springs & Wire Forms	
Rowley Spring Co Inc The	Bristol
Prefabricated Buildings	
City Lumber of Bridgeport Inc The	Bridgeport
Premium Specialties	
Waterbury Companies Inc	Waterbury
Preservatives—Wood, Rope, Fabric	
Darworth Incorporated ("Cuprinol") ("Cellu-san")	Simsbury
Press Papers	
Case Brothers Inc	Manchester
Presses	
Farrel-Birmingham Company Inc (Hydraulic)	Ansonia
Presses—Power	
Pneumatic Applications Co The (modernization of presses through conversion to Wichita Air Clutch operation)	Simsbury
Waterbury Farrel Foundry & Machine Co The	Waterbury
Pressure Vessels	
Norwalk Tank Co Inc The (unfired to ASME Code Par U 69-70)	South Norwalk
Whitlock Manufacturing Co The	Hartford
Printing	
Bussmann Press Inc	New Haven
Case Lockwood & Brainard A Division of Connecticut Printers Inc	Hartford
Finlay Brothers	Hartford
Heminway Corporation The	Waterbury
Hildreth Press	Bristol
Hunter Press	Hartford
Lehman Brothers Inc	New Haven
Taylor & Greenough Co The	Wethersfield
T B Simonds Inc	Hartford
A D Steinbach & Sons	New Haven
The Walker-Rackliff Company	New Haven
Printing Machinery	
Banthin Engineering Co (automatic)	Bridgeport
Thomas W Hall Company	Stamford
Printing Plates	
Lockwood Sons Inc Wm H	Hartford
Printing Rollers	
Chambers-Stork Company Inc The (engraved)	Norwich
Production Control Equipment	
Ripley Company Inc	Middletown
Wassell Organization Inc	Westport
Profilers	
Pratt & Whitney Co Inc	West Hartford
Propellers—Aircraft	
Hamilton Standard Div United Aircraft Corp (propellers and other aircraft equipment)	Windsor Locks
Protective Coatings	
Bischoff Chemical Corporation (Peelable Plastic Coatings)	Ivoryton
Harrison Company The A S (Waxes)	South Norwalk
Publishers	
O'Toole & Sons Inc The	Stamford
Pumps	
Yale & Towne Mfg Co The	Stamford
Pumps—Small Industrial	
Eastern Industries Inc	New Haven
Pump Valves	
Colt's Manufacturing Company	Hartford
Punches	
Hoggson & Pettis Mfg Co The (ticket & cloth)	New Haven
141 Brewery St	
Putty Softeners—Electrical	
Fletcher Terry Co The	Box 415 Forestville
Pyrometers	
Bristol Co The (recording and controlling)	Waterbury
Radiation—Finned Copper	
Bush Manufacturing Co	West Hartford
G & O Manufacturing Company The	New Haven
Vulcan Radiator Co The (steel and copper)	Hartford
Radiators—Engine Cooling	
G & O Manufacturing Co	New Haven
Radiographic Inspection	
State Testing Laboratory	Bridgeport
Ratchet Offset Screw Driver	
Chapman Co J W	Durham
Rayon Staple Fiber	
Hartford Rayon Corp The	Rocky Hill
Reamers	
Pratt & Whitney Co Inc (All types)	West Hartford
Record Equipment	
Wassell Organization Inc (filing equipment)	Westport
Recorders	
Bristol Co The (automatic controllers, temperature, pressure, flow, humidity)	Waterbury
Reduction Gears	
Farrel-Birmingham Company Inc	Ansonia
Snow-Nabstedt Gear Corp The	New Haven
Refractories	
Howard Company	New Haven
Mullite Refractories Company The	Shelton
Refrigeration	
Bowser Technical Refrigeration Div	Bowser
Inc (high altitude, low temperature)	Terryville
Dunham-Bush Inc	West Hartford
Regulators	
Norwalk Valve Company (for gas and air)	South Norwalk
Sorensen & Company Inc	Stamford
Research & Development	
Raymond Engineering Laboratories (Electro-Mechanical)	Middletown
Resistance Wire	
C O Jelliff Mfg Co The (nickel chromium, copper nickel, iron chromium, aluminum)	Southport
Kanthal Corporation The	Stamford
Respirators	
American Optical Company Safety Division	Putnam
Resuscitators	
Cycle-Flo Company The	Milford
Retainers	
Hartford Steel Ball Co The (bicycle & automotive)	Hartford
Rigid Plastic Sheet Material	
Gilman Brothers Company, The	Gilman
Riveting Machines	
Grant Mfg & Machine Co The	Bridgeport
Ripley Company Inc	Middletown
H P Townsend Manufacturing Co The	Elmwood
Rivets	
Blake & Johnson Co The (brass, copper and non-ferrous)	Waterville
Clark Brothers Bolt Co	Milldale
Plume & Atwood Mfg Co The	Thomaston
Raybestos Div of Raybestos-Manhattan Inc The (brass and aluminum tubular and solid copper)	Bridgeport
Raybestos Div of Raybestos-Manhattan Inc The (iron)	Bridgeport
Rods	
American Brass Company The (copper, brass, bronze)	Waterbury
Bridgeport Brass Company	Bridgeport
Bristol Brass Corp The (brass and bronze)	Bristol
Scovill Manufacturing Company (aluminum, brass, bronze, etc.)	Waterbury
Rollers—Bituminous Paving	
Gabb Special Products Div E Horton & Son Company	Windsor Locks
Roller Skate Wheels	
Raybestos Division of Raybestos-Manhattan Inc	Bridgeport
Roller Skates	
Arms and Ammunition Div Olin Mathieson Chemical Corp	New Haven
Rolling Mills & Equipment	
Farrel-Birmingham Company Inc	Ansonia
Fenn Mfg Co The	Newington
Precision Methods & Machines Inc	Waterbury
Waterbury Farrel Foundry & Machine Co The	Waterbury
Rolls	
Farrel-Birmingham Company Inc (Chilled and Alloy Iron, Steel)	Ansonia
Rope Wire	
American Steel & Wire Div of U S Steel	New Haven
Rubber—Cellular	
B F Goodrich Sponge Products Division	Shelton
Rubber Chemicals	
Naugatuck Chemical Division United States Rubber Co	Naugatuck
Stamford Rubber Supply Co The ("Factice" Vulcanized Vegetable Oil)	Stamford
Rubber Cutting Machinery	
Black Rock Mfg Company The	Bridgeport
Rubberized Fabrics	
Duro-Gloss Rubber Co The	New Haven
Rubber Footwear	
Goodyear Rubber Co The	Middletown
Rubber Gloves	
Seamless Rubber Company The	New Haven
Rubber—Handmade Specialties	
Seamless Rubber Company The	New Haven
	(Advt.)

I T ' S M A D E I N C O N N E C T I C U T

Rubber Latex Compounds and Dispersions
Nauatuck Chemical Division United States
Rubber Co (coating, impregnating and adhesive compounds) Nauatuck

Rubber-Latex Foam
B F Goodrich Sponge Products Division Shelton

Rubber Mill Machinery
Farrel-Birmingham Company Inc Ansonia

Rubber-Molded Specialties
Airex Rubber Prod Corp Portland
Canfield Co The H O Bridgeport
Seamless Rubber Company The New Haven

Rubber Products
Airex Rubber Prod Corp Portland

Rubber Printing Plates
Lockwood Sons Inc Wm H Hartford

Rubber Products—Mechanical
American Felt Co Glenville
Auburn Manufacturing Company The (washers, gaskets, molded parts) Middletown
Canfield Co The H O Bridgeport
Seamless Rubber Company The New Haven

Rubber-Reclaimed
Nauatuck Chemical Division United States
Rubber Co Nauatuck

Rubbers
Nauatuck Chemical Div U S Rubber Co (special synthetic) Nauatuck

Rubbish Burners
John P Smith Co The 423-33 Chapel St New Haven

Rust Preventives
Anderson Oil Co Inc F E Portland
Enthone Inc New Haven

Rust Removers
Enthone Inc New Haven

Saddlery
The Smith-Worthington Saddlery Co Hartford

Safety Clothing
American Optical Company Safety Products Division Putnam

Safety Fuses
Ensign-Bickford Co The (mining & detonating) Simsbury

Safety Gloves and Mittens
American Optical Company Safety Products Division Putnam

Safety Goggles
American Optical Company Safety Products Division Putnam

Safety Switches
Trumbull Components Department, General Electric Co Plainville

Saw Blades—Hack
Capewell Mfg Co The Hartford
Thompson & Son Co The Henry G. New Haven

Saw Blades—Hack & Band
Capewell Manufacturing Company Hartford

Saw-Hole
Thompson & Son Co The Henry G. New Haven

Saws, Band, Metal Cutting
Atlantic Saw Mfg Co New Haven
Thompson & Son Co The Henry G. New Haven

Scissors
Acme Shear Company The Bridgeport

Screens
Hartford Wire Works Co The (Windows, Doors and Porches) Hartford

Screw Caps
Weimann Bros Mfg Co The (small for bottles) Derby

Screw Machines
H P Townsend Mfg Company The Elmwood

Screw Machine Products
Accurate Screw Products Inc (B & S Swiss & Davenport) Southington
Apex Tool Co Inc The Bridgeport
Auto Electric Screw Machine Co Inc Bridgeport

Blake & Johnson Co The
Consolidated Industries West Cheshire
Dependable Automatic Screw Co Waterbury
Eastern Machine Screw Corp The New Haven
Truman & Barclay Sts Winsted
Fairchild Screw Products Inc Hartford
Franklin Screw Machine Co The (up to 1 1/2" capacity) Hartford
Garthwait Mfg Co A E (up to and incl 3/4") Waterbury
Greist Mfg Co The (Up to 1 1/2" capacity) New Haven

Horberg Grinding Industries Inc (Heat treated and ground type only)
19 Staples Street Bridgeport
Humason Mfg Co The Forestville
Hunt Mfg Co Bridgeport
Junior Screw Machine Products Inc West Haven

Screw Machine Products (Cont.)
Lowe Mfg Co The Wethersfield
Main Screw Machine Products (davenport & automatics exclusively) Waterbury
National Automatic Products Company The Berlin

Nelson's Screw Machine Products
New Britain Machine Company The Plantsville

New Britain Machine Company The
New Britain

New Haven Screw Machine Prods Inc
(up to 1 1/2" capacity) Milford

Olson Brothers Company (up to 3/4" capacity) Plainville

Olson & Sons R P
Peck Spring Co The Southington

Plume & Atwood Mfg Co The
Southington

Scovill Manufacturing Company
Waterbury 91

United Screw Machine Co
Thomaston

Waterbury Machine Tools & Products Co
(Brown & Sharpe and Davenport) Waterbury

Screw Machine Tools
American Cam Company Inc (Circular Form Tools) Hartford

Pratt & Whitney Co Inc (Reamers, Taps, Dies, Blades and Knurls) West Hartford

Somma Tool Co (precision circular form tools) Waterbury

Screws
American Screw Company Willimantic
Atlantic Screw Works (wood) Hartford
Blake & Johnson Co The (machine and wood) Waterville

Bristol Company The (socket set and socket cap screws) Waterbury

Clark Brothers Bolt Co
Eagle Lock Co The Terryville

Holo-Krome Screw Corporation The (socket set and socket cap) West Hartford

Scovill Manufacturing Company
Waterbury 91

Superior Manufacturing Co The
Winsted

Screws—Socket
Allen Manufacturing Company The Hartford
Bristol Co The Waterbury
Holo-Krome Screw Corp The West Hartford

Sealing Tape Machines
Better Packages Inc Shelton

Service Entrance Equipment
Trumbull Components Department, General Electric Co Plainville

Sewing Machines
Greist Mfg Co The (Sewing Machine attachments) 503 Blake St New Haven

Morrow Machine Co The (Industrial) Hartford

Singer Manufacturing Company The (Industrial) Bridgeport

Shaving Soaps
J B Williams Co The Glastonbury

Shears
Acme Shear Co The (household) Bridgeport

Sheet Metal Products
American Brass Co The (brass and copper) Waterbury

Dresser Products Inc (Fabricators) Canaan
Merriam Mfg Co (security boxes, fitted tool boxes, tackle boxes, displays) Durham
Charles Parker Co (sheet metal fabricators) Meriden

Parsons Co Inc W A (fabricators) Meriden

Plume & Atwood Mfg Co The
Thomaston

United Manufacturing Co Division of The
W L Maxson Corp Hamden

Sheet Metal Stampings
American Brass Company The Waterbury
American Buckle Co The West Haven
DooVal Tool & Mfg Inc The Nauatuck

Dresser Products Inc
I H Sessions & Son Bristol
Patent Button Co The Waterbury

Plume & Atwood Mfg Co The
Thomaston

Scovill Manufacturing Company (aluminum, brass, bronze, copper, nickel silver, steel and other metals and alloys) Waterbury

Sheet Steel
Dolan Steel Company Inc Bridgeport

Shell Cores
Victors Brass Foundry Inc Guilford

Shell Molding
Victors Brass Foundry Inc Guilford

Shells
Scovill Manufacturing Company (aluminum, brass, bronze, copper, nickel silver—drawn, stamped—electric socket, screw) Waterbury

Wolcott Tool and Manufacturing Company Inc
Waterbury

Shipment Sealers
Better Packages Inc Shelton

Showcase Lighting Equipment
Wiremold Company The Hartford

Signals
H C Cook Co The (for card files) 32 Beaver St Ansonia

Signs
Berger Sign Co (neon electric-porcelain enamel-stainless steel) Hartford

Silk Screen Process Printing
Norton Co R H New Haven

Silk Screen Printing
Sirocco Screenprints New Haven

Silk Screening on Metal
Merriam Mfg Co (Displays and Specialties, to order) Durham

Silver & Gold Plating
Donham Craft Inc (on metals & plastics) Thomaston

Simulators
Reflectone Corporation The Stamford

Sintered Metal Products
Raybestos Division of Raybestos-Manhattan Inc Bridgeport

Sizing and Finishing Compounds
American Cyanamid Company Waterbury

Slide Fasteners
G E Prentice Mfg Co The Kensington
North & Judd Manufacturing Co New Britain
Scovill Manufacturing Company (GRIPPER zippers) Waterbury

Slings
American Steel & Wire Div of U. S. Steel New Haven

Smoke Stacks
Bigelow Company The (steel) New Haven

Norwalk Tank Co The
South Norwalk

Snap Fasteners
Scovill Manufacturing Company (GRIPPER snap fasteners) Waterbury

Soap
J B Williams Co The (industrial soaps, toilet soaps, shaving soaps) Glastonbury

Special Machinery
Banthin Engineering Company (complete and/or parts) Bridgeport

Boesch Mfg Co Inc
Black Rock Mfg Company The Danbury
Farrel-Birmingham Company Inc Bridgeport

Federal Machine & Tool Co
Fenn Mfg Co The Bristol

Hartford Special Machinery Co The
H P Townsend Mfg Company The Elmwood

National Sheradizing & Machine Co (mandrels & stock shells for rubber industry) Hartford

Swan Tool & Machine Co The
Hartford

Special Parts
Fenn Mfg Co The Newington
Greist Mfg Co The (small machines, especially precision stampings) New Haven

J H Sessions & Son
Bristol

Spinnings
Gray Manufacturing Company The Hartford

Spline Milling Machines
Townsend Mfg Co The H P Elmwood

Sponge Rubber
B F Goodrich Sponge Products Division Shelton

Spotwelding
Spotwelders Inc (aluminum, steel, magnesium, titanium & alloys) Stratford

Spray Painting Equipment and Supplies
Lea Manufacturing Co The Waterbury

Spring Coiling Machines
Torrington Manufacturing Co The Torrington

Spring Presses
Townsend Mfg Co The H P Elmwood

Spring Units
Owen Silent Spring Division American Chain & Cable Company Inc Bridgeport

Spring Washers
Barnes Co The Wallace Div Associated Spring Corp Bristol

Springs—Coil & Flat
Barnes Co The Wallace Div Associated Spring Corp Bristol

Barrett Co William L
Bristol Spring Manufacturing Co Plainville

Foursome Manufacturing Co
Humason Mfg Co The Bristol

Newcomb Spring Corp The
Forestville

New England Spring Manufacturing Company
Unionville

Peck Spring Co The
Plainville

Springs—Flat
Barnes Co The Wallace Div Associated Spring Corp Bristol

Bristol Spring Manufacturing Co
Foursome Manufacturing Co Plainville

Humason Mfg Co The
Forestville

Newcomb Spring Corp The
Forestville

New England Spring Manufacturing Company
Unionville

Peck Spring Co The
Plainville

Springs—Flat
Barnes Co The Wallace Div Associated Spring Corp Bristol

Bristol Spring Manufacturing Co
Foursome Manufacturing Co Plainville

Humason Mfg Co The
Forestville

Springs—Furniture
Owen Silent Spring Division American Chain & Cable Company Inc Bridgeport

(Adv.)

Springs—Wire
 Barnes Co The Wallace Div Associated Spring Corp Bristol
 Bristol Spring Manufacturing Co Plainville
 Colonial Spring Corporation The Hartford
 Connecticut Spring Corporation The (compression, extension, torsion) Hartford
 Foursome Manufacturing Co Bristol
 Humason Mfg Co The Forestville
 D R Templeman Co (coil and torsion) Plainville
 J W Bernston Company (coil and torsion) Plainville
 Newcomb Spring Corp The Southington

Springs, Wire & Flat
 Autoyre Company The Oakville

Sprinklers
 Scovill Manufacturing Company (GREEN SPOT) Waterbury

Stamped Metal Products
 American Brass Company The Waterbury

Stampings
 C & H Mfg Co Inc Watertown
 Donahue Mfg Co Inc Watertown
 DooVal Tool & Mfg Inc The Naugatuck
 Foursome Manufacturing Co Bristol
 Joma Tool Co Wolcott
 Plume & Atwood Mfg Co The (small) Thomaston
 Saybrook Manufacturing Inc Old Saybrook
 Scovill Manufacturing Company aluminum, brass, bronze, copper, nickel silver, steel and other metals and alloys—automotive, electrical, radio, etc.—deep drawn, enameled) Waterbury
 Stanley Pressed Metal New Britain

Stampings—Small
 Acme Shear Co The Bridgeport
 Barnes Co The Wallace Div Associated Spring Corp Bristol
 Barrett Co William L Bristol
 Bristol Spring Manufacturing Co Plainville
 Greist Manufacturing Co The New Haven
 Humason Mfg Co The Forestville

Stamps
 Hoggson & Pettis Mfg Co The (steel) 141 Brewery St New Haven
 Parker Stamp Works Inc The (steel) Hartford

Stationery Specialties
 American Brass Company The Waterbury

Steel Castings
 Hartford Electric Steel Corp The (Carbon, low alloy and stainless steel and Ductile iron) Hartford
 Malleable Iron Fittings Co Hartford
 Nutmeg Crucible Steel Co Branford

Steel—Cold Rolled Spring
 Barnes Co The Wallace Div Associated Spring Corp Bristol

Steel—Cold Rolled Stainless
 Ulbrich Stainless Steels Wallingford
 Wallingford Steel Company Wallingford

Steel—Cold Rolled Strip
 Stanley Works The New Britain

Steel—Cold Rolled Strip and Sheets
 American Steel & Wire Div of U S Steel New Haven
 Detroit Steel Corporation New Haven
 Wallingford Steel Company Wallingford

Steel Goods
 Merriam Mfg Co (sheets products to order)

Steel—Ground Flat Stock
 Thompson & Son Co The Henry G. New Haven

Steel—Hot Rolled Strip
 Northeastern Steel Corp Bridgeport

Steel Rolling Rules
 Waterbury Lock & Specialty Co The Milford

Steel Strapping
 Stanley Works The New Britain

Stereotypes
 New Haven Electrotype Div Electrographic Corp New Haven

Stop Clocks, Electric
 H C Thompson Clock Co The Bristol

Storage Batteries
 R A E Storage Battery Mfg Co Glastonbury

Straps, Leather
 Auburn Manufacturing Company The (textile, industrial, skate, carriage) Middletown

Strip Steel
 Dolan Steel Company Inc Bridgeport

Structural Mouldings
 Leed Co The H A Hamden

Studio Couches
 Waterbury Mattress Co Waterbury

Super Refractories
 Mullite Refractories Company The Shelton

Surface Metal Raceway & Fittings
 Wiremold Company The Hartford

Surgical Dressings
 Acme Cotton Products Co Inc East Killingly
 Seamless Rubber Company The New Haven

Surgical Rubber Goods
 Seamless Rubber Company The New Haven

Swaging Machinery
 Fenn Mfg Co The Newington

Switchboards
 Distribution Assemblies Department, General Electric Co Plainville

Switchboards Wire and Cables
 Rockbestos Products Corp (asbestos insulated) New Haven

Switches—Electric
 General Electric Company Bridgeport

Synthetic Fabrics
 American Felt Co Glenville

Tabulating Equipment—Manual
 Denominator Company Inc Woodbury
 Veeder-Root Incorporated Hartford

Tanks
 Bigelow Company The (steel) New Haven
 Comco Inc Div of Enthone Inc (steel, alloy and lined) New Haven
 Connecticut Welders Inc (steel, alloy & lined) Wallingford
 Foy Electro-Chemical Co (Metal & Plastic) Ansonia
 Norwalk Tank Co The South Norwalk
 Rolock Inc (Alloy) Fairfield
 Storts Welding Company (steel and alloy) Meriden

Tap Extractors
 Walton Company The West Hartford

Tape
 Russell Manufacturing Company The (woven cotton and woven glass tape) Middletown

Tapes—Industrial Pressure Sensitive
 Seamless Rubber Company The New Haven

Tape Recorders
 Conn Telephone & Electric Corp Meriden

Taps
 Pratt & Whitney Co Inc West Hartford

Tarred Lines
 Brownell & Co Inc Moodus

Telemetering Instruments
 Bristol Co The Waterbury

Television—Radio
 Junior Screw Machine Products Inc West Haven

Testers—Insulation
 McNeal J D New Haven

Testers—Insulation Wire & Cable
 Davis Electric Company Wallingford

Testers—Non-Destructive
 Sperry Products Inc Danbury

Textile Machinery
 Merrow Machine Co The 2814 Laurel St Hartford

Textile Printing Gums
 Polymer Industries Inc Springfield

Textile Processors
 American Dyeing Corporation (rayon, acetate, nylon, dacron, other synthetics) Rockville

Thermometers
 Bristol Co The (recording and automatic control) Waterbury
 Manning Maxwell & Moore Inc Stratford

Thin Gauge Metals
 Plume & Atwood Mfg Co The Thomaston
 Thinsheet Metals Co The (plain or tinned in rolls) Waterbury

Thread
 American Thread Co The Willimantic
 Belding Heminway Corticelli Putnam
 Max Pollack & Co Inc Groton and Willimantic
 Wm Johl Manufacturing Co Mystic

Thread Chasers
 Geometric Tool Division, Greenfield Tap & Die Corp New Haven

Thread Gages
 Pratt & Whitney Co Inc West Hartford

Thread Milling Machines
 Pratt & Whitney Co Inc West Hartford

Thread Rolling Machinery
 Hartford Special Machinery Co The Hartford

Threading Machines
 Grant Mfg & Machine Co The (double end automatic) Bridgeport

Timers, Interval
 A W Haydon Co The Waterbury
 H C Thompson Clock Co The Bristol
 Cramer Controls Corporation The Centerbrook
 Rhodes Inc M H Hartford

Timing Devices
 B & N Tool & Engineering Co (development and model work) Oakville
 Cramer Controls Corporation The Centerbrook
 A W Haydon Co The Waterbury
 Lux Clock Manufacturing Company Waterbury
 Rhodes Inc M H Hartford
 Seth Thomas Clocks Thomaston
 United States Time Corporation The Waterbury

Timing Devices & Time Switches
 A W Haydon Co The Waterbury
 Lux Clock Manufacturing Company Waterbury
 M H Rhodes Inc Hartford

Tinning
 Thinsheet Metals Co The (non-ferrous metals in rolls) Waterbury
 Wilcox-Crittenden Div North & Judd Mfg Co Middletown

Tokens
 Scovill Manufacturing Company (bus, street car and subway fare) Waterbury

Tool Bits
 Thompson & Son Co The Henry G. New Haven

Tool Chests
 Vanderman Manufacturing Co The Willimantic

Tool Hardening
 Commercial Metal Treating Co Bridgeport

Tools
 B & N Tool & Engineering Co (dies, jigs, fixtures, sub-press and progressive) Oakville
 Hoggson & Pettis Mfg Co The (rubber workers) 141 Brewery St New Haven

Tools & Dies
 C & H Mfg Co Inc Watertown
 Lambro Tool-Die & Mfg Co Bridgeport
 Metropolitan Tool & Die Hartford
 Moore Special Tool Co Bridgeport
 Swan Tool & Machine Co The Hartford

Tools, Dies & Fixtures
 Greist Mfg Co The New Haven

Tools, Dies, Jigs & Fixtures
 Joma Tool Co Wolcott
 Lyons Tool & Die (modelwork, jig boring) Meriden

O.S.A. Manufacturing Co
 Otterbein Co J A Plainville
 Telke Tool & Die Mfg Co New Britain

Tools, Fixtures, Gauges
 Fredericks Tool Co J F West Hartford

Toroidal Winding Machines
 Boesch Mfg Co Inc Danbury

Totalizers
 Reflectone Corporation The Stamford

Toys
 Geo S Scott Mfg Co The Wallingford
 Gilbert Co The A C New Haven
 Gong Bell Co The East Hampton
 N N Hill Brass Co The East Hampton
 Waterbury Companies Inc Waterbury

Tramways
 American Steel & Wire Div of U S Steel New Haven

Transformers
 Berkshire Transformer Corp The New Milford
 Dano Electric Company Winsted

Trucks—Commercial
 Metropolitan Body Company (International Harvester truck chassis and "Metro" bodies) Bridgeport

Trucks—Industrial
 George P Clark Co Windsor Locks

Truck—Lift
 Excelsior Hardware Co The Stamford
 George P Clark Co Windsor Locks

Trucks—Skid Platforms
 Excelsior Hardware Co The (lift) Stamford

Tube Bending
 Donahue Mfg Co Inc Watertown

Tube Clips
 H C Cook Co The (for collapsible tubes) 32 Beaver St Ansonia
 Weimann Bros Mfg Co The (for collapsible tubes) Derby

Tube Fittings
 Scovill Manufacturing Company (UNIFLARE flared tube and LOXIT compression tube) Waterbury

Tubers
 Standard Machinery Co The (tubers for both rubber and plastic industries) Mystic

Tubes—Collapsible Metal
 Sheffield Tube Corp The New London (Advt.)

I T ' S M A D E I N C O N N E C T I C U T

Tubing	
American Brass Co The (brass and copper)	Waterbury
Bridgeport Brass Company (brass and copper)	Bridgeport
G & O Manufacturing Co (finned)	New Haven
Scovill Manufacturing Company (Brass and Copper)	Waterbury 91
Tubing—Flexible Metallic	
American Brass Co Metal Hose Branch	Waterbury
Tubing—Heat Exchanger	
American Brass Company The	Waterbury
Scovill Manufacturing Company	Waterbury 91
Tumbling Equipment & Supplies	
Esbec Barrel Finishing Corp	Beayram
Foy Electro-Chemical Co	Ansonia
Tumbling Service	
Esbec Barrel Finishing Corp	Meriden
Turntables	
Macton Machinery Company Inc (industrial & display)	Stamford
Typewriters	
Royal Typewriter Co Inc	Hartford
Underwood Corporation	Hartford
Typewriters—Portable	
Royal Typewriter Company Inc	Hartford
Underwood Corporation	Hartford
Typewriter Ribbons and Supplies	
Royal Typewriter Company Inc	Hartford
Underwood Corporation	Hartford
Ultrasonic Processing Equipment	
General Ultrasonics Co The	Hartford
Underclearer Rolls	
Sonoco Products Co (Climax-Lowell Div)	Mystic
Vacuum Bottles and Containers	
American Thermos Products Co	Norwich
Vacuum Cleaners	
Electrolux Corporation	Old Greenwich
Spencer Turbine Co The	Hartford
Valve Discs	
Colt's Manufacturing Company	Hartford
Valves—Automobile Tire	
Bridgeport Brass Company	Bridgeport
Valves	
Norwalk Valve Company (sensitive check valves)	South Norwalk
Valves—Aircraft	
Bridgeport Thermostat Div	Robertshaw—
Fulton Controls Co	Milford
Valves—Radiator Air	
Bridgeport Brass Company	Bridgeport
Valves—Relief & Control	
Beaton & Caldwell Mfg Co	New Britain
Valves—Safety & Relief	
Manning Maxwell & Moore Inc	Stratford
Vanity Boxes	
Bridgeport Metal Goods Mfg Co	Bridgeport
Plume & Atwood Manufacturing Co	Thomaston
Vapor Degreasing Machines	
Scovill Manufacturing Company	Waterbury
Foy Electro-Chemical Co (Manual & Automatic)	Ansonia
Varnishes	
Staminit Corp The	New Haven
Vegetable Peelers	
Colt's Manufacturing Company	Hartford
Velvets	
American Velvet Co (owned and operated by A Wimpfheimer & Bro Inc)	Stonington
Leiss Velvet Mfg Co Inc The	Willimantic
Venetian Blinds	
Findell Manufacturing Company	Manchester
Jennings Company The S Barry	New Haven
New England Shade & Blind Co Inc	Durham
Venetian Blind Tape	
Russell Manufacturing Company (The woven cotton and woven plastic)	Middletown
Ventilating Equipment	
Foy Electro-Chemical Co	Ansonia
Ventilating Systems	
Colonial Blower Company	Plainville
Vertical Shapers	
Pratt & Whitney Co Inc	West Hartford
Vibrators—Pneumatic	
Branford Co The (Industrial)	New Haven
Vinyl Extrusion & Moulding Compounds	
Electronic Rubber Co	Stamford
Vises	
Charles Parker Co The	Meriden
Fenn Manufacturing Company The (Quick-Action Vises)	Newington
Vanderman Manufacturing Co The (Combination Bench Pipe)	Willimantic
Wall Paper	
Stamford Wall Paper Co Inc	Stamford
Washers	
American Felt Co (felt)	Glenville
Auburn Manufacturing Company The (all materials)	Middletown
Blake & Johnson The (brass, copper & non-ferrous)	Waterville
Clark Brothers Bolt Co	Milldale
Humphrey Fabricating Corp	Unionville
Plume & Atwood Mfg Co The (brass & copper)	Thomaston
J H Rosenbeck Inc	Torrington
Saling Manufacturing Company (made to order)	Unionville
Washers—Felt	
American Felt Co	Glenville
Chas W House & Sons Inc (Mills & Cutting Plant)	Unionville
Watches	
E Ingraham Co The	Bristol
United States Time Corporation The	Waterbury
Water Deionizers	
Penfield Mfg Co	Meriden
Water Heaters	
Whitlock Manufacturing Co The (instantaneous & storage)	Hartford
Water Heaters—Electric	
Bauer & Company Inc	Hartford
Water Heaters—Gas or Kerosene	
Holyoke Heater Corp of Conn Inc	Hartford
Waxes	
Harrison Company The A S (and other protective coatings)	South Norwalk
Waxes—Floor	
Fuller Brush Co The	Hartford
Wedges	
Saling Manufacturing Company (hammer & axe)	Unionville
Welding	
Connecticut Welders Inc (fabrication & repairs)	Wallingford
Farrel-Birmingham Company Inc	Ansonia
G E Wheeler Company (Fabrication of Steel & Non-Ferrous Metals)	New Haven
Industrial Welding Company (Equipment Manufacturers—Steel Fabricators)	Hartford
Welding—Lead	
Connecticut Welders Inc (tanks & coils)	Wallingford
Storts Welding Company (tanks and fabrication)	Meriden
Welding Rods	
American Brass Company The	Waterbury
Bridgeport Brass Company	Bridgeport
Bristol Brass Co The (brass & bronze)	Bristol
Wells	
Church Co The Stephen B	Seymour
Wheels—Industrial	
George P Clark Co	Windsor Locks
Wicks	
American Felt Co	Glenville
Auburn Manufacturing Company The (felt, asbestos)	Middletown
Holyoke Heater Corp of Conn Inc	Hartford
Wiffle Ball	
Wiffle Ball Inc The	New Haven
Window & Door Guards	
Hartford Wire Works Co The	Hartford
Smith Co The John P	New Haven
Window Shades	
New England Shade & Blind Co Inc	Durham
Wiping Cloths	
Federal Textile Corporation	New Haven
Wire	
American Brass Company The	Waterbury
American Steel & Wire Div of U S Steel	New Haven
Atlantic Wire Co The (steel)	Branford
Bartlett Hair Spring Wire Co The (hair spring)	North Haven
Bridgeport Brass Company (brass and silicon bronze)	Bridgeport
Bristol Brass Corp The (brass & bronze)	Bristol
Driscoll Wire Co The (steel)	Shelton
Hudson Wire Co Winsted Div (insulated & enameled magnet)	Winsted
Platt Bros & Co The (zinc wire)	Waterbury
P O Box 1030	Waterbury
Plume & Atwood Mfg Co The (brass, bronze, nickel silver)	Thomaston
Scovill Manufacturing Company (Brass, Bronze and Nickel Silver)	Waterbury 91
Wire and Cable	
General Electric Company (for residential, commercial and industrial applications)	Bridgeport
Rockbestos Products Corporation (all asbestos, mining, shipboard and appliance applications)	New Haven
Wire Arches & Trellises	
Hartford Wire Works Co The	Hartford
John P Smith Co The	New Haven
423-33 Chapel St	
Wire Baskets	
Wiretex Mfg Inc (Industrial, for acid, heat, treating and degreasing)	Bridgeport
Wire Cloth	
Hartford Wire Works Co The	Hartford
C O Jelliff Mfg Co The (all metal, all meshes)	Southport
Pequot Wire Cloth Co Inc	Norwalk
Rolock Inc (Alloy)	Fairfield
Smith Co The John P	New Haven
Wire Dipping Baskets	
Hartford Wire Works Co The	Hartford
John P Smith Co The	New Haven
423-33 Chapel St	
Wire Drawing Dies	
Waterbury Wire Die Co The	Waterbury
Wire Forming Machinery	
Torrington Manufacturing Company The	Torrington
Wire Formings	
Autoyre Co The	Oakville
G E Prentice Mfg Co The	Kensington
Master Engineering Company	West Cheshire
North & Judd Manufacturing Co	New Britain
Turner & Seymour Manufacturing Co The	Torrington
Verplex Company The	Essex
Wire Forms	
Barnes Co The Wallace Div Associated Spring Corp	Bristol
Bristol Spring Manufacturing Co	Plainville
Colonial Spring Corporation The	Hartford
Connecticut Spring Corporation The	Hartford
Foursome Manufacturing Co	Bristol
Gemco Manufacturing Co Inc	Southington
Humason Mfg Co The	Forestville
New England Spring Mfg Co	Unionville
Templeman Co D R	Plainville
Terryville Manufacturing Co	Terryville
Wire Goods	
American Buckle Co The (overall trimmings)	West Haven
Patent Button Co The	Waterbury
Scovill Manufacturing Company (To Order)	Waterbury 91
Wire Partitions	
Hartford Wire Works Co The	Hartford
John P Smith Co The	New Haven
423-33 Chapel St	
Wire Products	
Humason Mfg Co The	Forestville
Plume & Atwood Mfg Co The (to order)	Thomaston
Wire Reels	
A H Nilson Mach Co The	Bridgeport
Wire Rings	
American Buckle Co The (pan handles and tinner's trimmings)	West Haven
Humason Mfg Co The	Forestville
Templeman Co D R	Plainville
Wire Rope and Strand	
American Steel & Wire Div of U S Steel	New Haven
Wire—Specialties	
Andrew B Hendryx Co The	New Haven
Wiring Devices	
Harvey Hubbell Inc	Bridgeport
Wiring Harnesses	
Sight Light Div The American Foundry Co	Machine & Deep River
Wood Scrapers	
Fletcher-Terry Co The	Forestville
Woodwork	
C H Dresser & Sons Inc (Mfg all kinds of woodwork)	Hartford
Hartford Builders Finish Co	Hartford
Woven Felts—Wool	
Chas W House & Sons Inc (Mills & Cutting Plant)	Unionville
Yarns	
Aldon Spinning Mills Corporation The (fine-wollen and specialty)	Talcottville
Ensign-Bickford Co The (jute-carpet)	Simsbury
Hartford Spinning Incorporated (Wollen, knitting and weaving yarns)	Unionville
Zinc	
Platt Bros & Co The (ribbon, strip and wire)	Waterbury
P O Box 1030	
Zinc Castings	
Newton-New Haven Co Inc	688 Third Ave West Haven (Adv.)

Here's Why

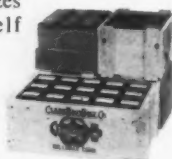
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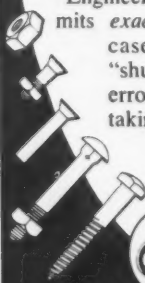
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Chore or Challenge? Writing Effective Company Histories

(Continued from page 58)

The remedy lies in adequate research which will provide more material than can be used. Then the procedure becomes a matter of selection.

How to use history . . . Even more interesting than writing the company history is putting it to use.

"I was amazed," a sales manager recently remarked, "at the reception our company history received when sent out as a mailing piece. One prospect, in an out-of-the-way territory too far for personal calls, had been on our list for three years. He never had replied to any of our sales letters. But three weeks after our history went out, we were given a chance to quote and received a substantial order. The company background was evidently the final information needed to clinch the business."

There can be an equally satisfying result inside the organization. While still a few years from their tenth anniversary, the executives of one company decided the time had come to have a company history written.

Later, when the president held the completed manuscript in his hands, he slowly shook his head. There was a note of unbelief in his voice when he said, "It's all there—eight years of hope, toil, effort—all condensed into seven typewritten pages." His words and manner suggested a sincere tribute to a writer's skill in highlighting accomplishments—a tribute that can be yours by doing a similar history for your company.

But why wait until someone else decides to assign the job to you? In this do-it-yourself era, adopt the company history as a "start-it-yourself" project. Get the material together, plan a method of presentation. You'll find stimulation in the challenge, satisfaction in the accomplishment.

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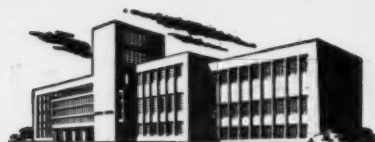
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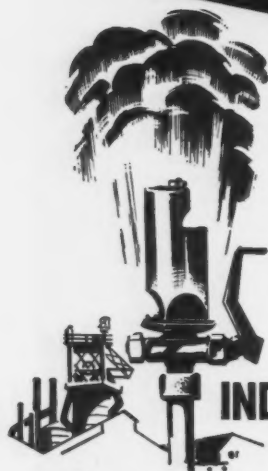
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